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# Natural Gas Monthly
# September 2004

**Energy Information Administration**
Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

## Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

| Product | Format | Contents |
|---|---|---|
| **Publications** | | |
| *Weekly Natural Gas Storage Report* | HTML | Weekly estimates of natural gas in underground storage for the U.S. and three regions of the U.S. |
| *Natural Gas Weekly Update* | PDF | Analysis of current price, supply and storage data |
| *Natural Gas Monthly* | PDF, HTML, XLS | Monthly supply, disposition, and price data |
| *Natural Gas Annual* | PDF, XLS | Annual supply, disposition, and price data |
| *U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves* | PDF, HTML | Proved reserves in the United States |
| *Oil and Gas Field Code Master List* | PDF | Listing of U.S. oil and gas field names |
| **Databases** | | |
| Monthly Data | TXT | Tables 1-6, and 9 from the *Natural Gas Monthly* |
| Historical Monthly Data | EXE | Consumption and price data, 1984-present |
| Annual Data | XLS, TXT | Data from the *Natural Gas Annual* |
| Historical Annual Data | XLS, TXT | Data from the *Historical Natural Gas Annual* |
| Field Codes | EXE | Oil & Gas Field Code Master List |
| **Applications** | | |
| EIA-176 Query System | EXE | Company filings to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" |

PDF files are image files that can be viewed through Adobe Acrobat.

XLS (Excel) files are in spreadsheet format and are viewable and downloadable to the user's PC.

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

# Preface

The *Natural Gas Monthly* (*NGM*) is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the NGM may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The *NGM* highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the *NGM* features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the *NGM* is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

# Common Abbreviations Used in the Natural Gas Monthly

| | | | |
|---|---|---|---|
| AGA | American Gas Association | Mcf | Thousand cubic feet |
| Bcf | Billion cubic feet | MMBtu | Million British thermal units |
| DOE | U.S. Department of Energy | MMcf | Million cubic feet |
| EIA | Energy Information Administration, U.S. Department of Energy | MMS | Minerals Management Service, U.S. Department of the Interior |
| FERC | Federal Energy Regulatory Commission | OCS | Outer Continental Shelf |
| IOGCC | Interstate Oil and Gas Compact Commission | Tcf | Trillion cubic feet |
| LNG | Liquefied natural gas | | |

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# Highlights



**EIA Improves Natural Gas Consumption Data Timeliness**

The September 2004 *NGM* marks the first release of monthly natural gas consumption data on a more timely schedule. State-level price and volume estimates on natural gas sales and deliveries to residential, commercial, and industrial sectors will now be available 30 days earlier than in the past. The September 2004 issue contains consumption data for both June and July 2004.

With more timely natural gas consumption data available, EIA will now also provide National-level summary data series in Tables 1-4 one month earlier, including a complete National-level natural gas supply and disposition balance in Table 2. Because some data series comprising the balance are not available on this accelerated schedule, EIA will estimate for those series. Estimates will be derived from the following sources:

- *Short Term Energy Outlook* (*STEO*) forecasts are used to complete the National-level natural gas production data series (Table 1).
- Electric power industry forecasts from *STEO* will be used to complete the National-level consumption volume data series (Table 3). Data used to calculate State-level estimates of electric power sector consumption and prices are derived from a different set of surveys than those used for the residential, commercial and industrial sectors; at this time State-level volumes for the electric power sector will continue to lag by one month and prices by two months.
- Import and export data are estimated for recent months using data from the DOE Office of Fossil Energy and secondary sources.

For a further discussion of data sources, see the footnotes and appendices of the *NGM*. *STEO* forecasts are available from the *STEO* Query system located at http://tonto.eia.doe.gov/STEO_Query/app/.

This issue of the *Natural Gas Monthly* (*NGM*) contains more timely consumption data. The state and national-level estimates of natural gas volume and price data are presented through July 2004, although electric power prices are available through May 2004.

Recent analyses of the natural gas industry are available on the EIA web site, www.eia.doe.gov, under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- *Weekly Natural Gas Storage Report* -- a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains estimates of storage for the current and prior week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.
- *Natural Gas Weekly Update* -- a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.
- *Short-Term Energy Outlook* -- projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

In addition to the *NGM, STEO, Weekly Natural Gas Storage Report*, and *Natural Gas Weekly Update* which appear regularly on the EIA website, two new information products have recently been released:

- *U.S. Imports and Exports: Issues and Trends 2003*, which examines U.S. international trade of natural gas during 2003, as well as historical trends and an analysis of the near-term outlook for imports and exports. http://www.eia.doe.gov/pub/oil_gas/natural_gas/feature_articles/2004/ngimpexp/ngimpexp.pdf.
- *The Basics of Underground Natural Gas Storage*, which provides an overview of storage facilities and operations. http://www.eia.doe.gov/pub/oil_gas/natural_gas/analysis_publications/storagebasics/storagebasics.html

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

# Table 1. Summary of Natural Gas Production in the United States, 1999-2004

(Billion Cubic Feet)



| Year and Month | Gross Withdrawals | Repressuring | Nonhydrocarbon Gases Removed[a] | Vented and Flared | Marketed Production (Wet) | Extraction Loss[b] | Dry Gas Production[c] |
|---|---|---|---|---|---|---|---|
| **1999 Total** | **23,823** | **3,293** | **615** | **110** | **19,805** | **973** | **18,832** |
| **2000 Total** | **24,174** | **3,380** | **505** | **91** | **20,198** | **1,016** | **19,182** |
| **2001 Total** | **24,501** | **3,371** | **463** | **97** | **20,570** | **954** | **19,616** |
| **2002** | | | | | | | |
| January | 2,062 | 305 | 43 | 9 | 1,705 | 82 | 1,623 |
| February | 1,864 | 289 | 39 | 7 | 1,528 | 73 | 1,455 |
| March | 2,066 | 308 | 44 | 8 | 1,706 | 82 | 1,624 |
| April | 1,986 | 284 | 43 | 8 | 1,652 | 79 | 1,573 |
| May | 2,030 | 264 | 44 | 8 | 1,713 | 82 | 1,631 |
| June | 1,969 | 270 | 43 | 8 | 1,648 | 79 | 1,569 |
| July | 2,038 | 266 | 44 | 8 | 1,720 | 83 | 1,638 |
| August | 2,023 | 281 | 44 | 9 | 1,688 | 81 | 1,607 |
| September | 1,918 | 279 | 43 | 8 | 1,588 | 76 | 1,511 |
| October | 1,982 | 302 | 37 | 8 | 1,636 | 78 | 1,558 |
| November | 1,987 | 298 | 39 | 8 | 1,642 | 79 | 1,563 |
| December | 2,052 | 309 | 40 | 10 | 1,693 | 81 | 1,612 |
| **Total** | **23,977** | **3,455** | **502** | **99** | **19,921** | **957** | **18,964** |
| **2003** | | | | | | | |
| January | E2,095 | E333 | E33 | E9 | E1,721 | E83 | E1,638 |
| February | E1,905 | E310 | E30 | E8 | E1,558 | E75 | E1,483 |
| March | E2,115 | E331 | E32 | E9 | E1,743 | E84 | E1,660 |
| April | E1,999 | E307 | E30 | E8 | E1,654 | E79 | E1,574 |
| May | E2,042 | E302 | E30 | E9 | E1,701 | E82 | E1,620 |
| June | E1,973 | E297 | E31 | E7 | E1,637 | E79 | E1,558 |
| July | E2,014 | E287 | E32 | E8 | E1,687 | E81 | E1,606 |
| August | E2,027 | E302 | E33 | E8 | E1,684 | E81 | E1,604 |
| September | E1,981 | E294 | E32 | E8 | E1,647 | E79 | E1,568 |
| October | E2,044 | E316 | E34 | E8 | E1,686 | E81 | E1,605 |
| November | E1,977 | E314 | E33 | E7 | E1,622 | E78 | E1,544 |
| December | E2,072 | E341 | E34 | E8 | E1,690 | E81 | E1,609 |
| **Total** | **E24,243** | **E3,735** | **E384** | **E95** | **E20,030** | **E962** | **E19,068** |
| **2004** | | | | | | | |
| January | E2,095 | E344 | E34 | E8 | E1,709 | E82 | E1,627 |
| February | E1,950 | E323 | E32 | E7 | E1,588 | E76 | E1,512 |
| March | E2,090 | E349 | E34 | E8 | RE1,698 | E82 | E1,617 |
| April | RE1,999 | E325 | E33 | E8 | RE1,634 | E78 | RE1,555 |
| May | RE2,018 | RE329 | E34 | E8 | RE1,646 | RE79 | RE1,567 |
| June | E1,998 | E328 | E33 | E8 | E1,629 | E78 | E1,551 |
| July | E2,063 | E337 | E34 | E8 | E1,684 | E81 | E1,603 |
| **2004 YTD** | **E14,213** | **E2,335** | **E234** | **E54** | **E11,589** | **E557** | **E11,032** |
| **2003 YTD** | **E14,143** | **E2,167** | **E218** | **E57** | **E11,700** | **E562** | **E11,138** |
| **2002 YTD** | **14,016** | **1,987** | **299** | **57** | **11,674** | **561** | **11,113** |

[a] See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

[b] Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

[c] Equal to marketed production (wet) minus extraction loss.

[E] Estimated Data.

[RE] Revised Estimated Data.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

**Sources:** 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002.* January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 2, and 3, for discussion of computation and estimation procedures and revision policies.

Table 2

## Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1999-2004

(Billion Cubic Feet)

| Year and Month | Dry Gas Production | Supplemental Gaseous Fuels[a] | Net Imports | Net Storage Withdrawals[b] | Balancing Item[c] | Consumption[d] |
|---|---|---|---|---|---|---|
| **1999 Total** | **18,832** | **98** | **3,422** | **172** | **-119** | **22,405** |
| **2000 Total** | **19,182** | **90** | **3,538** | **829** | **-305** | **23,333** |
| **2001 Total** | **19,616** | **86** | **3,604** | **-1,166** | **99** | **22,239** |
| **2002** | | | | | | |
| January | 1,623 | 6 | 309 | 558 | -8 | 2,488 |
| February | 1,455 | 6 | 276 | 474 | 34 | 2,243 |
| March | 1,624 | 6 | 294 | 327 | 9 | 2,260 |
| April | 1,573 | 5 | 276 | -129 | 156 | 1,881 |
| May | 1,631 | 5 | 280 | -330 | 26 | 1,612 |
| June | 1,569 | 5 | 273 | -350 | 94 | 1,591 |
| July | 1,638 | 6 | 300 | -248 | 54 | 1,749 |
| August | 1,607 | 6 | 310 | -242 | 44 | 1,725 |
| September | 1,511 | 5 | 289 | -276 | 13 | 1,543 |
| October | 1,558 | 6 | 301 | -89 | -132 | 1,643 |
| November | 1,563 | 6 | 276 | 202 | -137 | 1,911 |
| December | 1,612 | 7 | 316 | 572 | -133 | 2,373 |
| **Total** | **18,964** | **68** | **3,499** | **468** | **19** | **23,018** |
| **2003** | | | | | | |
| January | E1,638 | E6 | 305 | 841 | R-115 | R2,675 |
| February | E1,483 | E6 | 255 | 676 | R67 | 2,486 |
| March | E1,660 | E5 | 275 | 136 | 103 | 2,178 |
| April | E1,574 | E4 | 266 | -158 | R28 | R1,714 |
| May | E1,620 | E6 | 277 | -412 | R7 | R1,497 |
| June | E1,558 | E5 | 256 | -470 | R-12 | R1,337 |
| July | E1,606 | E6 | 296 | -361 | R29 | R1,574 |
| August | E1,604 | E6 | 286 | -309 | R25 | R1,611 |
| September | E1,568 | E5 | 271 | -411 | R-49 | R1,384 |
| October | E1,605 | E5 | 275 | -284 | R-73 | R1,529 |
| November | E1,544 | E6 | 251 | 86 | R-159 | R1,729 |
| December | E1,609 | E6 | 291 | 473 | R-128 | R2,251 |
| **Total** | **E19,068** | **E65** | **3,305** | **-193** | **R-277** | **R21,967** |
| **2004** | | | | | | |
| January | E1,627 | E6 | 317 | 811 | -109 | 2,652 |
| February | E1,512 | E6 | 289 | 600 | 74 | 2,480 |
| March | E1,617 | E5 | 271 | 103 | 76 | 2,073 |
| April | RE1,555 | E5 | RE256 | -198 | R99 | R1,716 |
| May | RE1,567 | E6 | RE275 | -379 | R63 | R1,531 |
| June | E1,551 | RE1 | RE284 | -397 | R2 | 1,441 |
| July | E1,603 | E2 | E320 | -366 | E-27 | 1,532 |
| **2004 YTD** | **E11,032** | **E31** | **E2,011** | **174** | **E177** | **13,425** |
| **2003 YTD** | **E11,138** | **E37** | **1,930** | **251** | **106** | **13,462** |
| **2002 YTD** | **11,113** | **38** | **2,008** | **301** | **366** | **13,823** |

[a] Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

[b] Monthly and annual data for 1999 through 2002 include underground storage and liquefied natural gas storage. Data for January 2003 forward include underground storage only. See Appendix A, Explanatory Note 6 for discussion of computation procedures.

[c] Represents quantities lost and imbalances in data due to differences among data sources. Net imports and balancing item for 1999-2002 excludes net intransit deliveries. These net intransit deliveries were (in billion cubic feet): 58 for 2002; -36 for 2001; -65 for 2000; -8 for 1999. See Appendix A, Explanatory Note 8, for full discussion.

[d] Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

R Revised Data.

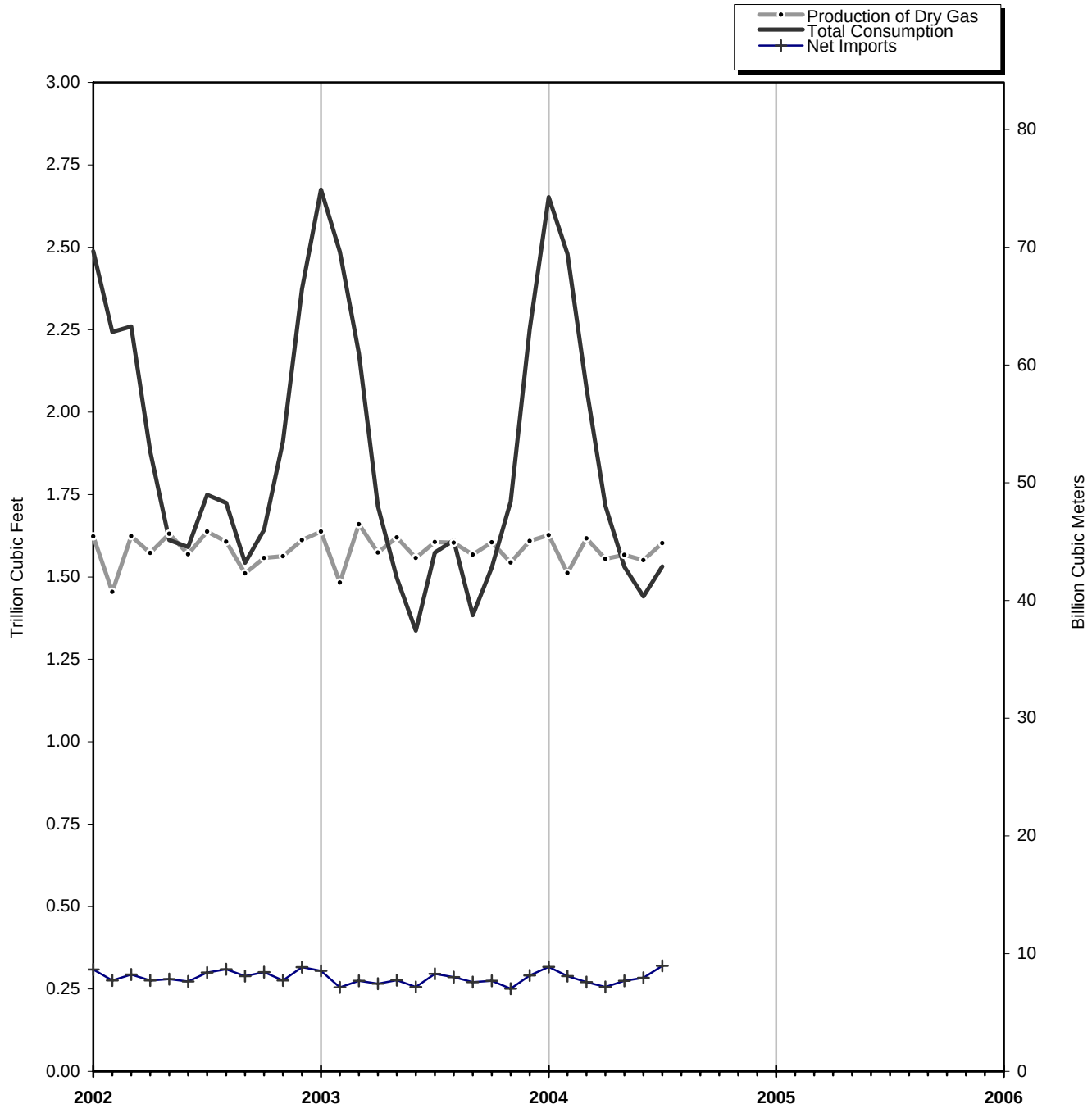
E Estimated Data.

RE Revised Estimated Data.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

**Sources:** 1999-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002*. January 2003 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 4 and 5, for discussion of computation and estimation procedures and revision policies.

**Figure 1. Production, Consumption and Net Imports of Natural Gas in the United States, 2002-2004**




**Source:** Table 2.

Table 3

# Table 3. Natural Gas Consumption in the United States, 1999-2004

(Billion Cubic Feet)

| Year and Month | Lease and Plant Fuel[a] | Pipeline and Distribution Use[b] | Delivered to Consumers | | | | | | Total Consumption |
|---|---|---|---|---|---|---|---|---|---|
| | | | Residential | Commercial | Industrial | Electric Power | Vehicle Fuel | Total | |
| **1999 Total** | **1,079** | **645** | **4,726** | **3,045** | **8,079** | **4,820** | **12** | **20,681** | **22,405** |
| **2000 Total** | **1,151** | **642** | **4,996** | **3,182** | **8,142** | **5,206** | **13** | **21,540** | **23,333** |
| **2001 Total** | **1,119** | **625** | **4,771** | **3,023** | **7,344** | **5,342** | **15** | **20,495** | **22,239** |
| **2002** | | | | | | | | | |
| January | 96 | 73 | 816 | 430 | 691 | 381 | 1 | 2,319 | 2,488 |
| February | 86 | 66 | 713 | 397 | 635 | 344 | 1 | 2,091 | 2,243 |
| March | 96 | 66 | 661 | 369 | 660 | 407 | 1 | 2,098 | 2,260 |
| April | 92 | 54 | 415 | 264 | 649 | 404 | 1 | 1,734 | 1,881 |
| May | 95 | 46 | 255 | 190 | 614 | 410 | 1 | 1,471 | 1,612 |
| June | 92 | 46 | 160 | 144 | 597 | 551 | 1 | 1,453 | 1,591 |
| July | 95 | 50 | 125 | 134 | 610 | 734 | 1 | 1,604 | 1,749 |
| August | 94 | 50 | 116 | 133 | 614 | 718 | 1 | 1,581 | 1,725 |
| September | 89 | 44 | 124 | 139 | 577 | 569 | 1 | 1,409 | 1,543 |
| October | 92 | 47 | 251 | 195 | 615 | 442 | 1 | 1,504 | 1,643 |
| November | 92 | 55 | 483 | 295 | 632 | 352 | 1 | 1,763 | 1,911 |
| December | 95 | 69 | 771 | 414 | 662 | 360 | 1 | 2,209 | 2,373 |
| **Total** | **1,114** | **667** | **4,890** | **3,103** | **7,557** | **5,672** | **15** | **21,236** | **23,018** |
| **2003** | | | | | | | | | |
| January | [E]96 | 78 | [R]947 | [R]510 | [R]677 | 367 | 1 | [R]2,501 | [R]2,675 |
| February | [E]87 | 72 | [R]888 | 476 | [R]633 | 329 | 1 | 2,327 | 2,486 |
| March | [E]98 | 63 | [R]678 | 381 | [R]604 | 353 | 1 | [R]2,017 | 2,178 |
| April | [E]93 | 50 | [R]416 | 256 | [R]565 | 333 | 1 | [R]1,572 | [R]1,714 |
| May | [E]95 | 43 | 250 | 177 | [R]549 | 381 | 1 | [R]1,359 | [R]1,497 |
| June | [E]92 | 39 | 158 | 135 | [R]502 | 411 | 1 | [R]1,207 | [R]1,337 |
| July | [E]94 | 46 | 127 | 130 | [R]568 | 609 | 1 | [R]1,434 | [R]1,574 |
| August | [E]94 | 47 | 116 | 127 | [R]571 | 654 | 1 | [R]1,471 | [R]1,611 |
| September | [E]92 | 40 | 128 | 133 | [R]555 | 434 | 1 | [R]1,251 | [R]1,384 |
| October | [E]94 | 44 | 230 | 177 | [R]590 | 391 | 1 | [R]1,390 | [R]1,529 |
| November | [E]91 | 50 | 414 | 249 | [R]587 | 338 | 1 | [R]1,589 | [R]1,729 |
| December | [E]95 | 65 | 742 | [R]387 | [R]632 | 329 | 1 | [R]2,091 | [R]2,251 |
| **Total** | **[E]1,121** | **[R]637** | **[R]5,095** | **[R]3,138** | **[R]7,033** | **4,929** | **15** | **[R]20,210** | **[R]21,967** |
| **2004** | | | | | | | | | |
| January | [E]96 | 77 | [R]968 | [R]490 | 678 | 342 | 1 | 2,479 | 2,652 |
| February | [E]89 | 72 | 860 | 460 | 642 | 356 | 1 | 2,319 | 2,480 |
| March | [E]95 | 60 | 594 | 344 | 623 | 355 | 1 | 1,918 | 2,073 |
| April | [E]91 | 50 | [R]384 | 242 | [R]579 | 369 | 1 | [R]1,575 | [R]1,716 |
| May | [RE]92 | 44 | 214 | 165 | 558 | 456 | 1 | 1,395 | [R]1,531 |
| June | [E]91 | 42 | 145 | 133 | 550 | 479 | 1 | 1,308 | 1,441 |
| July | [E]94 | 44 | 125 | 123 | 555 | [E]589 | 1 | 1,393 | 1,532 |
| **2004 YTD[d]** | **[E]648** | **389** | **3,290** | **1,957** | **4,184** | **[E]2,946** | **10** | **12,388** | **13,425** |
| **2003 YTD[d]** | **[E]655** | **390** | **3,464** | **2,064** | **4,098** | **2,782** | **9** | **12,418** | **13,462** |
| **2002 YTD[d]** | **652** | **401** | **3,146** | **1,928** | **4,457** | **3,232** | **9** | **12,770** | **13,823** |

[a] Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

[b] Pipeline and distribution use is collected only on an annual basis. Monthly pipeline and distribution use data are estimated from monthly total consumption(excluding pipeline and distribution use) by assuming that the preceding annual percentage remains constant for the next twelve months.

[d] Year-to-date volume represents months for which volume information is available in the current year.

[R] Revised Data.

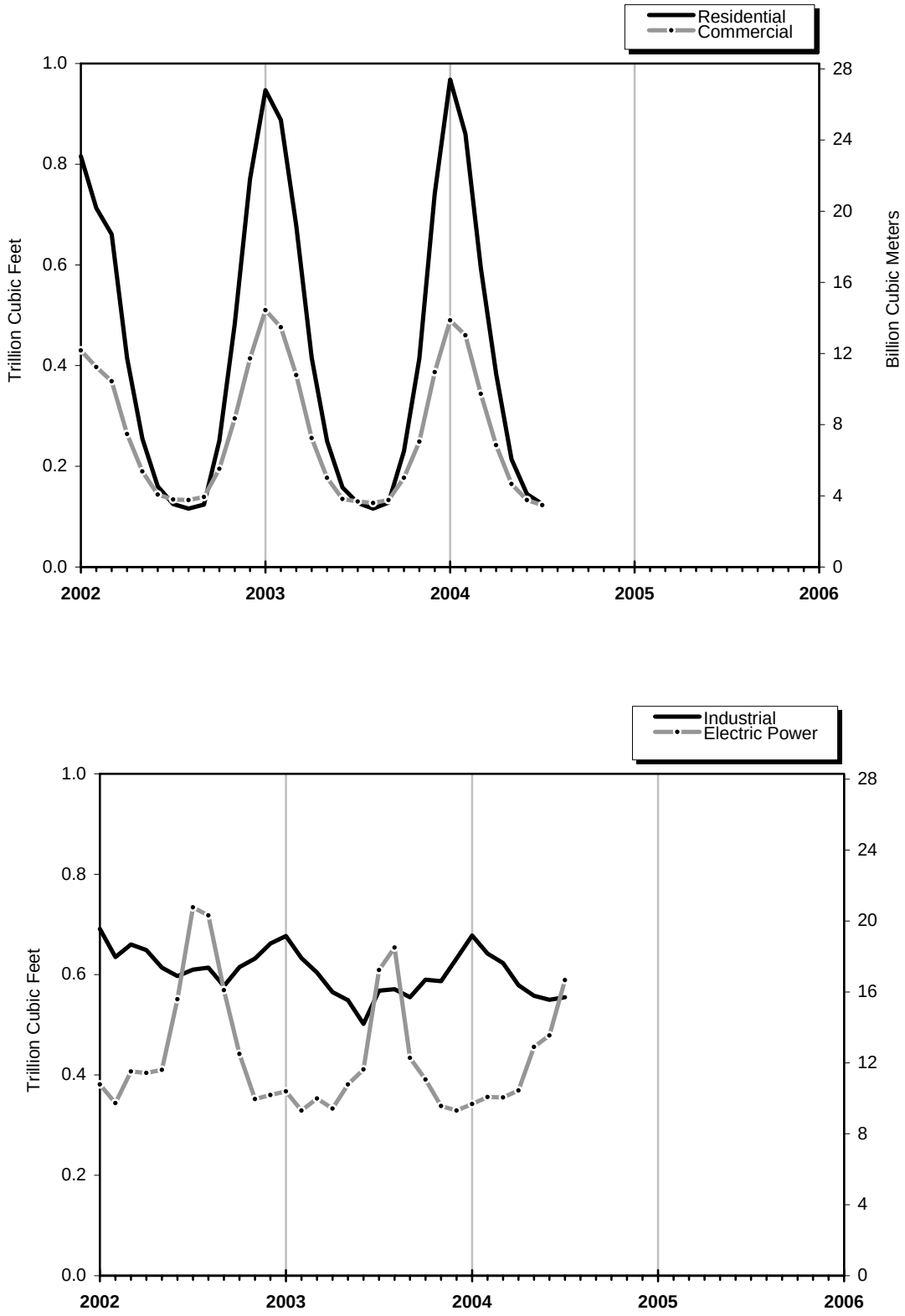
[E] Estimated Data.

[RE] Revised Estimated Data.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Explanatory Note 7 for definition of sectors.

**Sources:** 1999-2002: Energy Information Administration (EIA): Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-906, "Power Plant Report," EIA computations, and *Natural Gas Annual 2002*. January 2003 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-906. See Appendix A, Explanatory Note 7, for computation procedures and revision policy.

## Figure 2. Natural Gas Deliveries to Consumers in the United States, 2002-2004




**Source:** Table 3.

Table 4

# Table 4. Selected National Average Natural Gas Prices, 1999-2004

(Dollars per Thousand Cubic Feet)

| Year and Month | Wellhead Price[a] | City Gate Price | Consumer Prices | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Residential Price | Commercial | | Industrial | | Electric Power Price[c] |
| | | | | Price | % of Total[b] | Price | % of Total[b] | |
| **1999 Annual Average** | **2.19** | **3.10** | **6.69** | **5.33** | **66.1** | **3.12** | **18.8** | **2.62** |
| **2000 Annual Average** | **3.68** | **4.62** | **7.76** | **6.59** | **63.9** | **4.45** | **19.8** | **4.38** |
| **2001 Annual Average** | **4.00** | **5.72** | **9.63** | **8.43** | **66.0** | **5.24** | **20.8** | **4.61** |
| **2002** | | | | | | | | |
| January | 2.50 | 3.79 | 7.39 | 6.53 | 80.8 | 4.05 | 20.1 | 3.10 |
| February | 2.19 | 3.76 | 7.24 | 6.41 | 81.2 | 3.70 | 20.4 | 2.86 |
| March | 2.40 | 3.84 | 7.11 | 6.30 | 82.3 | 3.78 | 20.0 | 3.37 |
| April | 2.94 | 4.21 | 7.68 | 6.57 | 77.8 | 3.64 | 26.1 | 3.80 |
| May | 2.94 | 4.07 | 8.55 | 6.69 | 74.1 | 4.07 | 23.8 | 3.78 |
| June | 2.96 | 4.15 | 9.60 | 6.82 | 74.4 | 3.86 | 25.4 | 3.61 |
| July | 2.92 | 3.95 | 10.34 | 6.63 | 72.7 | 3.80 | 23.8 | 3.49 |
| August | 2.76 | 3.67 | 10.47 | 6.46 | 73.3 | 3.62 | 22.4 | 3.42 |
| September | 2.97 | 3.99 | 10.26 | 6.55 | 71.0 | 3.89 | 22.4 | 3.71 |
| October | 3.24 | 4.32 | 8.62 | 6.65 | 74.7 | 4.18 | 21.6 | 4.19 |
| November | 3.59 | 4.65 | 8.01 | 6.91 | 79.5 | 4.72 | 21.7 | 4.35 |
| December | 3.96 | 4.74 | 7.88 | 7.18 | 80.7 | 4.92 | 23.0 | 4.72 |
| **Annual Average** | **2.95** | **4.12** | **7.91** | **6.64** | **78.4** | **4.02** | **22.5** | **3.68** |
| **2003** | | | | | | | | |
| January | [E]4.47 | 5.31 | 8.07 | [R]7.36 | [R]79.0 | 5.54 | [R]21.0 | 5.28 |
| February | [E]5.45 | 5.86 | 8.44 | 7.83 | 79.6 | 6.27 | [R]21.8 | 6.44 |
| March | [E]6.69 | 7.60 | 9.61 | 8.96 | 80.2 | [R]8.09 | [R]21.2 | 7.16 |
| April | [E]4.71 | 5.61 | 10.05 | 8.76 | 76.9 | [R]5.90 | [R]21.1 | 5.36 |
| May | [E]4.97 | 5.67 | 10.63 | 8.73 | 73.7 | [R]5.62 | [R]20.4 | 5.69 |
| June | [E]5.35 | [R]6.37 | 11.91 | 8.88 | 72.6 | [R]6.39 | [R]19.9 | 5.97 |
| July | [E]4.91 | 5.82 | [R]12.57 | [R]8.69 | [R]71.4 | 5.63 | [R]25.6 | 5.47 |
| August | [E]4.72 | 5.50 | 12.74 | 8.35 | 73.6 | 5.22 | [R]23.6 | 5.20 |
| September | [E]4.58 | 5.58 | 12.18 | 8.34 | 72.7 | 5.30 | [R]23.0 | 5.12 |
| October | [E]4.43 | 5.30 | 10.54 | 8.17 | 73.1 | 4.80 | [R]23.2 | 5.09 |
| November | [E]4.34 | 5.55 | 9.67 | 8.24 | 77.3 | 5.15 | [R]22.2 | 4.78 |
| December | [E]5.08 | 5.90 | 9.40 | 8.44 | [R]79.9 | 5.78 | [R]23.2 | 5.45 |
| **Annual Average** | **[E]4.98** | **5.86** | **9.51** | **8.26** | **77.4** | **[R]5.79** | **[R]22.2** | **5.55** |
| **2004** | | | | | | | | |
| January | [E]5.53 | [R]6.39 | [R]9.69 | [R]8.91 | [R]80.7 | 6.64 | 22.1 | 6.38 |
| February | [E]5.15 | 6.34 | 9.85 | [R]8.98 | 80.7 | 6.39 | 23.0 | 5.75 |
| March | [E]4.97 | [R]6.24 | 9.97 | [R]8.88 | 78.3 | 5.86 | 22.2 | 5.47 |
| April | [E]5.20 | 6.33 | [R]10.52 | [R]8.92 | 76.3 | 5.93 | [R]22.8 | 5.76 |
| May | [E]5.63 | 6.56 | 11.60 | 9.04 | 73.2 | 6.27 | 22.7 | 5.81 |
| June | [E]5.85 | 6.92 | 13.05 | 9.57 | 71.7 | 6.70 | 24.4 | [NA] |
| July | [E]5.60 | 6.69 | 13.40 | 9.49 | 71.3 | 6.24 | 24.7 | [NA] |
| **2004 YTD[d]** | **[E]5.42** | **6.43** | **10.29** | **9.01** | **77.9** | **6.30** | **23.1** | [NA] |
| **2003 YTD[d]** | **[E]5.22** | **6.01** | **9.23** | **8.23** | **77.8** | **6.19** | **21.6** | **5.87** |
| **2002 YTD[d]** | **2.69** | **3.91** | **7.66** | **6.51** | **79.1** | **3.84** | **22.7** | **3.46** |

[a] See Appendix A, Explanatory Note 10, for discussion of wellhead prices.

[b] Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

[c] The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

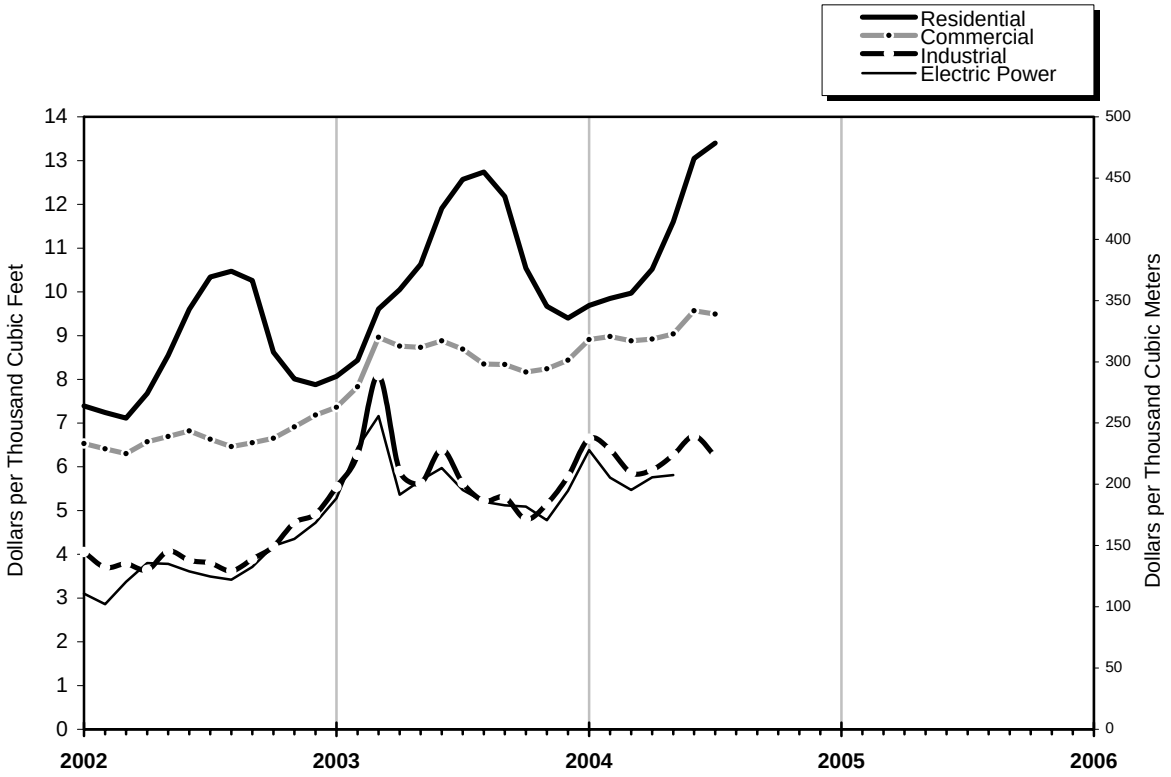
[d] Year-to-date price represents months for which price information is available in the current year. The electric power year-to-date price is 2 month behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

[R] Revised Data.
[E] Estimated Data.
[NA] Not Available.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

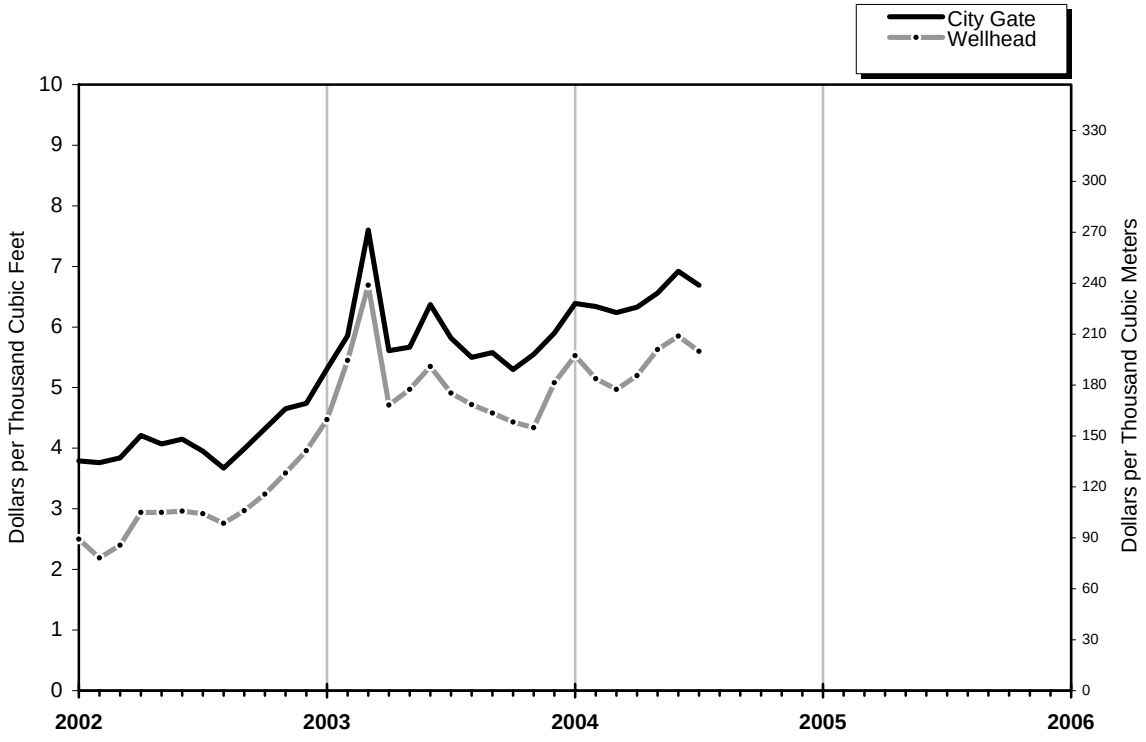
**Sources:** 1999-2002: Energy Information Administration (EIA) *Natural Gas Annual 2002.* January 2003 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-910, "Monthly Natural Gas Marketer Survey," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report," and EIA estimates.

## Figure 3. Average Consumer Price of Natural Gas in the U.S., 2002-2004




**Source:** Table 4.

## Figure 4. Average Price of Natural Gas in the United States, 2002-2004




**Source:** Table 4.

Table 5

## Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

| | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | |
|---|---|---|---|---|---|---|
| | | | | July | June | May |
| **Imports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada[a] | E2,048,694 | 2,049,611 | 2,159,106 | E316,371 | R280,549 | 274,462 |
| Mexico | 0 | 0 | 1,755 | 0 | 0 | 0 |
| **Total Pipeline Imports** | **E2,048,694** | **2,049,611** | **2,160,861** | **E316,371** | **R280,549** | **274,462** |
| **LNG** | | | | | | |
| Algeria | NA | 26,112 | 21,313 | NA | E15,559 | E5,367 |
| Australia | NA | 0 | 0 | NA | E2,918 | E2,945 |
| Brunei | NA | 0 | 2,401 | NA | 0 | 0 |
| Indonesia | NA | 0 | 0 | NA | 0 | 0 |
| Malaysia | NA | 2,704 | 2,423 | NA | 0 | E2,667 |
| Nigeria | NA | 27,899 | 0 | NA | E2,983 | 0 |
| Oman | NA | 0 | 0 | NA | 0 | E3,203 |
| Qatar | NA | 4,864 | 29,920 | NA | 0 | E2,999 |
| Trinidad/Tobago | NA | 197,755 | 62,240 | NA | RE34,230 | RE35,980 |
| United Arab Emirates | NA | 0 | 0 | NA | 0 | 0 |
| Other[b] | NA | 0 | 0 | NA | E1,500 | 0 |
| **Total LNG Imports** | **E365,008** | **259,334** | **118,296** | **E57,190** | **RE57,190** | **RE53,162** |
| **Total Imports** | **E2,413,702** | **2,308,945** | **2,279,157** | **E373,561** | **RE337,739** | **RE327,624** |
| Average Price (dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | NA | 5.60 | 2.85 | NA | NA | NA |
| Mexico | - | - | 2.36 | - | - | - |
| **Total Pipeline Imports** | NA | **5.60** | **2.85** | NA | NA | NA |
| **LNG** | | | | | | |
| Algeria | NA | 5.94 | 3.48 | NA | NA | NA |
| Australia | NA | - | - | NA | NA | NA |
| Brunei | NA | - | 3.25 | NA | - | - |
| Indonesia | NA | - | - | NA | - | - |
| Malaysia | NA | 4.97 | 3.43 | NA | - | NA |
| Nigeria | NA | 4.77 | - | NA | NA | - |
| Oman | NA | - | - | NA | - | NA |
| Qatar | NA | 6.11 | 3.39 | NA | - | NA |
| Trinidad/Tobago | NA | 4.99 | 3.09 | NA | NA | NA |
| United Arab Emirates | NA | - | - | NA | - | - |
| Other | NA | - | - | NA | NA | - |
| **Total LNG Imports** | NA | **5.09** | **3.25** | NA | NA | NA |
| **Total Imports** | NA | **5.54** | **2.87** | NA | NA | NA |
| **Exports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | E156,884 | 166,390 | 99,995 | E15,629 | E18,071 | E18,743 |
| Mexico | E212,225 | 177,137 | 135,984 | E32,281 | E32,281 | E32,281 |
| **Total Pipeline Exports** | **E369,109** | **343,527** | **235,979** | **E47,910** | **E50,352** | **E51,024** |
| **LNG** | | | | | | |
| Japan | 33,858 | 34,881 | 35,433 | 5,611 | 3,767 | 1,883 |
| Mexico | NA | 221 | 227 | NA | NA | NA |
| **Total LNG Exports** | **33,976** | **35,101** | **35,660** | **5,611** | **3,767** | **1,883** |
| **Total Exports** | **E403,086** | **378,629** | **271,639** | **E53,521** | **E54,119** | **E52,907** |
| Average Price dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | NA | 6.79 | 2.88 | NA | NA | NA |
| Mexico | NA | 5.77 | 3.05 | NA | NA | NA |
| **Total Pipeline Exports** | NA | **6.27** | **2.98** | NA | NA | NA |
| **LNG** | | | | | | |
| Japan | NA | 4.50 | 3.91 | NA | NA | NA |
| Mexico | NA | 5.82 | 5.82 | NA | NA | NA |
| **Total LNG Exports** | NA | **4.51** | **3.92** | NA | NA | NA |
| **Total Exports** | NA | **6.11** | **3.10** | NA | NA | NA |
| **Net Imports - Volume** | **E2,010,617** | **1,930,317** | **2,007,518** | **E320,040** | **RE283,620** | **RE274,718** |

See footnotes at end of table.

# Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

| | 2004 | | | | 2003 | |
|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December |
| **Imports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada[a] | 269,527 | 292,362 | 296,691 | 318,730 | 3,489,928 | 327,080 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Pipeline Imports** | **269,527** | **292,362** | **296,691** | **318,730** | **3,489,928** | **327,080** |
| **LNG** | | | | | | |
| Algeria | [E]7,998 | 10,909 | 8,075 | 5,400 | 53,423 | 2,659 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 2,704 | 0 |
| Nigeria | 0 | 0 | 0 | 0 | 50,067 | 0 |
| Oman | 0 | 0 | 0 | 3,041 | 8,632 | 0 |
| Qatar | [E]2,925 | 0 | 0 | 0 | 13,623 | 0 |
| Trinidad/Tobago | [RE]35,138 | 38,124 | 40,884 | 43,148 | 378,069 | 37,414 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 |
| Other[b] | 0 | 0 | 0 | 1,823 | 0 | 0 |
| **Total LNG Imports** | **[RE]46,061** | **49,033** | **48,959** | **53,413** | **506,519** | **40,072** |
| **Total Imports** | **[RE]315,588** | **341,395** | **345,651** | **372,143** | **3,996,447** | **367,153** |
| Average Price (dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | NA | 5.13 | 5.66 | 6.02 | 5.23 | 5.12 |
| Mexico | - | - | - | - | - | - |
| **Total Pipeline Imports** | NA | **5.13** | **5.66** | **6.02** | **5.23** | **5.12** |
| **LNG** | | | | | | |
| Algeria | NA | 5.96 | 6.16 | 5.89 | 5.32 | 4.79 |
| Australia | - | - | - | - | - | - |
| Brunei | - | - | - | - | - | - |
| Indonesia | - | - | - | - | - | - |
| Malaysia | - | - | - | - | 4.97 | - |
| Nigeria | - | - | - | - | 4.66 | - |
| Oman | - | - | - | 5.60 | 3.76 | - |
| Qatar | NA | - | - | - | 4.99 | - |
| Trinidad/Tobago | NA | 5.02 | 5.70 | 5.74 | 4.74 | 4.78 |
| United Arab Emirates | - | - | - | - | - | - |
| Other | - | - | - | 4.46 | - | - |
| **Total LNG Imports** | NA | **5.23** | **5.78** | **5.70** | **4.79** | **4.78** |
| **Total Imports** | NA | **5.14** | **5.68** | **5.97** | **5.17** | **5.08** |
| **Exports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | [E]20,887 | 36,128 | 26,262 | 21,164 | 294,285 | 37,899 |
| Mexico | [E]32,281 | 28,446 | 25,599 | 29,057 | 332,829 | 32,281 |
| **Total Pipeline Exports** | **[E]53,168** | **64,574** | **51,861** | **50,221** | **627,115** | **70,180** |
| **LNG** | | | | | | |
| Japan | 6,831 | 5,564 | 5,130 | 5,071 | 64,389 | 5,663 |
| Mexico | NA | 33 | 41 | 45 | 376 | 38 |
| **Total LNG Exports** | **6,831** | **5,597** | **5,171** | **5,116** | **64,765** | **5,701** |
| **Total Exports** | **[E]59,999** | **70,171** | **57,032** | **55,337** | **691,880** | **75,882** |
| Average Price dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | NA | 5.54 | 6.08 | 6.40 | 6.05 | 5.26 |
| Mexico | NA | 5.19 | 5.37 | 5.86 | 5.36 | 5.56 |
| **Total Pipeline Exports** | NA | **5.39** | **5.73** | **6.09** | **5.68** | **5.39** |
| **LNG** | | | | | | |
| Japan | NA | 4.59 | 4.52 | 4.41 | 4.47 | 4.50 |
| Mexico | NA | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 |
| **Total LNG Exports** | NA | **4.60** | **4.53** | **4.42** | **4.48** | **4.51** |
| **Total Exports** | NA | **5.32** | **5.62** | **5.93** | **5.57** | **5.33** |
| **Net Imports - Volume** | **[RE]255,589** | **271,225** | **288,619** | **316,806** | **3,304,567** | **291,271** |

See footnotes at end of table.

Table 5

# Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

| | 2003 | | | | | |
|---|---|---|---|---|---|---|
| | November | October | September | August | July | June |
| **Imports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada[a] | 275,179 | 278,661 | 271,746 | 287,651 | 287,683 | 261,917 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total Pipeline Imports** | **275,179** | **278,661** | **271,746** | **287,651** | **287,683** | **261,917** |
| **LNG** | | | | | | |
| Algeria | 2,784 | 10,910 | 8,191 | 2,768 | 5,462 | 2,788 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 0 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 2,704 | 0 |
| Nigeria | 0 | 5,787 | 8,250 | 8,132 | 2,770 | 11,237 |
| Oman | 3,664 | 0 | 2,322 | 2,646 | 0 | 0 |
| Qatar | 0 | 2,999 | 5,760 | 0 | 2,993 | 0 |
| Trinidad/Tobago | 40,295 | 37,828 | 29,312 | 35,466 | 43,874 | 33,889 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 |
| Other[b] | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total LNG Imports** | **46,743** | **57,523** | **53,835** | **49,012** | **57,803** | **47,914** |
| **Total Imports** | **321,922** | **336,183** | **325,581** | **336,663** | **345,486** | **309,831** |
| Average Price (dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | 4.54 | 4.52 | 4.69 | 4.56 | 5.08 | 5.62 |
| Mexico | - | - | - | - | - | - |
| **Total Pipeline Imports** | **4.54** | **4.52** | **4.69** | **4.56** | **5.08** | **5.62** |
| **LNG** | | | | | | |
| Algeria | 4.24 | 4.69 | 4.99 | 4.47 | 6.47 | 5.36 |
| Australia | - | - | - | - | - | - |
| Brunei | - | - | - | - | - | - |
| Indonesia | - | - | - | - | - | - |
| Malaysia | - | - | - | - | 4.97 | - |
| Nigeria | - | 4.47 | 4.56 | 4.50 | 5.26 | 4.63 |
| Oman | 4.08 | - | 3.52 | 3.52 | - | - |
| Qatar | - | 3.54 | 4.79 | - | 6.22 | - |
| Trinidad/Tobago | 4.38 | 4.24 | 4.55 | 4.44 | 5.07 | 5.13 |
| United Arab Emirates | - | - | - | - | - | - |
| Other | - | - | - | - | - | - |
| **Total LNG Imports** | **4.34** | **4.31** | **4.60** | **4.40** | **5.27** | **5.02** |
| **Total Imports** | **4.51** | **4.48** | **4.67** | **4.54** | **5.11** | **5.53** |
| **Exports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | 32,282 | 20,252 | 21,249 | 16,213 | 15,845 | 20,164 |
| Mexico | 32,934 | 32,953 | 27,760 | 29,764 | 27,381 | 30,124 |
| **Total Pipeline Exports** | **65,216** | **53,205** | **49,009** | **45,977** | **43,226** | **50,288** |
| **LNG** | | | | | | |
| Japan | 5,659 | 7,566 | 5,475 | 5,145 | 6,546 | 3,498 |
| Mexico | 37 | 32 | 28 | 21 | 18 | 19 |
| **Total LNG Exports** | **5,696** | **7,598** | **5,503** | **5,166** | **6,564** | **3,518** |
| **Total Exports** | **70,912** | **60,804** | **54,512** | **51,142** | **49,790** | **53,805** |
| Average Price dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | 4.92 | 4.81 | 5.31 | 4.95 | 5.64 | 6.17 |
| Mexico | 4.47 | 4.58 | 4.89 | 4.96 | 5.29 | 5.95 |
| **Total Pipeline Exports** | **4.69** | **4.67** | **5.08** | **4.96** | **5.42** | **6.04** |
| **LNG** | | | | | | |
| Japan | 4.44 | 4.39 | 4.39 | 4.42 | 4.67 | 4.75 |
| Mexico | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 |
| **Total LNG Exports** | **4.45** | **4.40** | **4.40** | **4.43** | **4.67** | **4.76** |
| **Total Exports** | **4.67** | **4.63** | **5.01** | **4.90** | **5.32** | **5.95** |
| **Net Imports - Volume** | **251,010** | **275,380** | **271,069** | **285,521** | **295,696** | **256,026** |

See footnotes at end of table.

## Table 5. U.S. Natural Gas Imports and Exports, 2002-2004

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

| | 2003 | | | | | 2002 |
|---|---|---|---|---|---|---|
| | May | April | March | February | January | Total |
| **Imports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada[a] | 281,847 | 284,557 | 298,482 | 293,163 | 341,962 | 3,784,978 |
| Mexico | 0 | 0 | 0 | 0 | 0 | 1,755 |
| **Total Pipeline Imports** | **281,847** | **284,557** | **298,482** | **293,163** | **341,962** | **3,786,733** |
| **LNG** | | | | | | |
| Algeria | 4,190 | 10,893 | 2,778 | 0 | 0 | 26,584 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 0 | 0 | 2,401 |
| Indonesia | 0 | 0 | 0 | 0 | 0 | 0 |
| Malaysia | 0 | 0 | 0 | 0 | 0 | 2,423 |
| Nigeria | 11,288 | 2,604 | 0 | 0 | 0 | 8,123 |
| Oman | 0 | 0 | 0 | 0 | 0 | 3,013 |
| Qatar | 0 | 0 | 1,871 | 0 | 0 | 35,081 |
| Trinidad/Tobago | 30,336 | 19,184 | 26,353 | 21,007 | 23,113 | 151,104 |
| United Arab Emirates | 0 | 0 | 0 | 0 | 0 | 0 |
| Other[b] | 0 | 0 | 0 | 0 | 0 | 0 |
| **Total LNG Imports** | **45,814** | **32,682** | **31,002** | **21,007** | **23,113** | **228,730** |
| **Total Imports** | **327,661** | **317,239** | **329,484** | **314,170** | **365,075** | **4,015,463** |
| Average Price (dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | 5.07 | 4.95 | 7.84 | 5.77 | 4.90 | 3.13 |
| Mexico | - | - | - | - | - | 2.36 |
| **Total Pipeline Imports** | **5.07** | **4.95** | **7.84** | **5.77** | **4.90** | **3.13** |
| **LNG** | | | | | | |
| Algeria | 4.60 | 5.93 | 7.54 | - | - | 3.61 |
| Australia | - | - | - | - | - | - |
| Brunei | - | - | - | - | - | 3.25 |
| Indonesia | - | - | - | - | - | - |
| Malaysia | - | - | - | - | - | 3.43 |
| Nigeria | 4.74 | 5.02 | - | - | - | 3.21 |
| Oman | - | - | - | - | - | 3.34 |
| Qatar | - | - | 5.94 | - | - | 3.39 |
| Trinidad/Tobago | 4.84 | 5.16 | 5.14 | 4.83 | 4.69 | 3.40 |
| United Arab Emirates | - | - | - | - | - | - |
| Other | - | - | - | - | - | - |
| **Total LNG Imports** | **4.79** | **5.40** | **5.41** | **4.83** | **4.69** | **3.41** |
| **Total Imports** | **5.03** | **5.00** | **7.61** | **5.71** | **4.89** | **3.15** |
| **Exports** | | | | | | |
| Volume (million cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | 17,646 | 25,684 | 31,742 | 27,892 | 27,417 | 189,313 |
| Mexico | 28,919 | 20,217 | 17,298 | 25,177 | 28,021 | 263,078 |
| **Total Pipeline Exports** | **46,565** | **45,900** | **49,040** | **53,070** | **55,439** | **452,391** |
| **LNG** | | | | | | |
| Japan | 3,798 | 5,605 | 5,565 | 5,569 | 4,301 | 63,439 |
| Mexico | 27 | 33 | 40 | 40 | 44 | 403 |
| **Total LNG Exports** | **3,825** | **5,637** | **5,604** | **5,609** | **4,345** | **63,842** |
| **Total Exports** | **50,390** | **51,537** | **54,644** | **58,678** | **59,784** | **516,233** |
| Average Price dollars per thousand cubic feet) | | | | | | |
| **Pipeline** | | | | | | |
| Canada | 5.54 | 5.51 | 9.29 | 7.44 | 6.40 | 3.35 |
| Mexico | 5.60 | 5.15 | 8.46 | 5.78 | 5.03 | 3.30 |
| **Total Pipeline Exports** | **5.58** | **5.35** | **8.99** | **6.65** | **5.71** | **3.32** |
| **LNG** | | | | | | |
| Japan | 4.61 | 4.43 | 4.29 | 4.43 | 4.42 | 4.07 |
| Mexico | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 | 5.82 |
| **Total LNG Exports** | **4.62** | **4.44** | **4.30** | **4.44** | **4.43** | **4.08** |
| **Total Exports** | **5.50** | **5.25** | **8.51** | **6.44** | **5.61** | **3.41** |
| **Net Imports - Volume** | **277,270** | **265,701** | **274,840** | **255,492** | **305,292** | **3,499,230** |

[a] EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

[b] The point of origin for volumes of imported LNG was unassigned in the reports to the Office of Fossil Energy.

[R] Revised Data.

[E] Estimated Data.

[RE] Revised Estimated Data.

[NA] Not Available.

— Not Applicable.

**Sources:** Office of Fossil Energy, U.S. Department of Energy, *"Natural Gas Imports and Exports,"* and EIA estimates of dry natural gas imports. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6

# Table 6. Summary of U.S. Natural Gas Imports and Exports, 1999-2003

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

| | 1999 | 2000 | 2001 | 2002 | 2003 |
|---|---|---|---|---|---|
| **Imports** | | | | | |
| Volume (million cubic feet) | | | | | |
| **Pipeline** | | | | | |
| Canada | 3,367,545 | 3,543,966 | [a]3,728,537 | 3,784,978 | 3,489,928 |
| Mexico | 54,530 | 11,601 | 10,276 | 1,755 | 0 |
| **Total Pipeline Imports** | **3,422,075** | **3,555,567** | **3,738,814** | **3,786,733** | **3,489,928** |
| **LNG** | | | | | |
| Algeria | 75,763 | 46,947 | 64,945 | 26,584 | 53,423 |
| Australia | 11,904 | 5,945 | 2,394 | 0 | 0 |
| Brunei | 0 | 0 | 0 | 2,401 | 0 |
| Indonesia | 0 | 2,760 | 0 | 0 | 0 |
| Malaysia | 2,576 | 0 | 0 | 2,423 | 2,704 |
| Nigeria | 0 | 12,654 | 37,966 | 8,123 | 50,067 |
| Oman | 0 | 9,998 | 12,055 | 3,013 | 8,632 |
| Qatar | 19,697 | 46,057 | 22,758 | 35,081 | 13,623 |
| Trinidad/Tobago | 50,777 | 98,949 | 98,009 | 151,104 | 378,069 |
| United Arab Emirates | 2,713 | 2,725 | 0 | 0 | 0 |
| **Total LNG Imports** | **163,430** | **226,036** | **238,126** | **228,730** | **506,519** |
| **Total Imports** | **3,585,505** | **3,781,603** | **3,976,939** | **4,015,463** | **3,996,447** |
| Average Price (dollars per thousand cubic feet) | | | | | |
| **Pipeline** | | | | | |
| Canada | 2.23 | 3.97 | 4.43 | 3.13 | 5.23 |
| Mexico | 2.14 | 5.43 | 5.00 | 2.36 | - |
| **Total Pipeline Imports** | **2.23** | **3.98** | **4.44** | **3.13** | **5.23** |
| **LNG** | | | | | |
| Algeria | 2.41 | 3.48 | 3.73 | 3.61 | 5.32 |
| Australia | 2.70 | 3.25 | 3.86 | - | - |
| Brunei | - | - | - | 3.25 | - |
| Indonesia | - | 3.99 | - | - | - |
| Malaysia | 2.36 | - | - | 3.43 | 4.97 |
| Nigeria | - | 4.37 | 5.56 | 3.21 | 4.66 |
| Oman | - | 3.36 | 5.56 | 3.34 | 3.76 |
| Qatar | 2.71 | 3.44 | 4.37 | 3.39 | 4.99 |
| Trinidad/Tobago | 2.39 | 3.43 | 4.14 | 3.40 | 4.74 |
| United Arab Emirates | 3.03 | 3.53 | - | - | - |
| **Total LNG Imports** | **2.47** | **3.50** | **4.35** | **3.41** | **4.79** |
| **Total Imports** | **2.24** | **3.95** | **4.43** | **3.15** | **5.17** |
| **Exports** | | | | | |
| Volume (million cubic feet) | | | | | |
| **Pipeline** | | | | | |
| Canada | 38,508 | 72,586 | 166,690 | 189,313 | 294,285 |
| Mexico | 61,025 | 105,102 | 140,370 | 263,078 | 332,829 |
| **Total Pipeline Exports** | **99,533** | **177,688** | **307,060** | **452,391** | **627,115** |
| **LNG** | | | | | |
| Japan | 63,607 | 65,610 | 65,753 | 63,439 | 64,389 |
| Mexico | 275 | 418 | 465 | 403 | 376 |
| **Total LNG Exports** | **63,882** | **66,028** | **66,218** | **63,842** | **64,765** |
| **Total Exports** | **163,415** | **243,716** | **373,278** | **516,233** | **691,880** |
| Average Price dollars per thousand cubic feet) | | | | | |
| **Pipeline** | | | | | |
| Canada | 2.35 | 3.66 | 3.97 | 3.35 | 6.05 |
| Mexico | 2.27 | 4.26 | 4.34 | 3.30 | 5.36 |
| **Total Pipeline Exports** | **2.30** | **4.01** | **4.14** | **3.32** | **5.68** |
| **LNG** | | | | | |
| Japan | 3.08 | 4.31 | 4.39 | 4.07 | 4.47 |
| Mexico | 6.95 | 5.82 | 5.82 | 5.82 | 5.82 |
| **Total LNG Exports** | **3.10** | **4.31** | **4.40** | **4.08** | **4.48** |
| **Total Exports** | **2.61** | **4.10** | **4.19** | **3.41** | **5.57** |
| **Net Imports - Volume** | **3,422,090** | **3,537,887** | **3,603,661** | **3,499,230** | **3,304,567** |

[a] Beginning with data for January 2001, EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

— Not Applicable.

**Sources:** Office of Fossil Energy, U.S. Department of Energy, *"Natural Gas Imports and Exports,"* and EIA estimates of dry natural gas imports. LNG data: Industry reports.

## Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004

(Million Cubic Feet)

| Year and Month | Alabama | Alaska | Arizona | California | Colorado | Florida | Kansas |
|---|---|---|---|---|---|---|---|
| **1999 Total** | **381,701** | **462,967** | **474** | **382,715** | **722,738** | **5,933** | **553,419** |
| **2000 Total** | **363,467** | **458,995** | **368** | **376,580** | **752,985** | **6,491** | **525,729** |
| **2001 Total** | **356,810** | **471,440** | **307** | **377,824** | **817,206** | **5,710** | **480,145** |
| **2002** | | | | | | | |
| January | 29,824 | 42,581 | 26 | 30,406 | 74,313 | 283 | 39,756 |
| February | 27,219 | 38,689 | 23 | 26,460 | 67,101 | 284 | 35,447 |
| March | 29,303 | 43,240 | 26 | 29,035 | 75,614 | 328 | 39,467 |
| April | 28,624 | 37,260 | 23 | 27,670 | 71,202 | 306 | 38,367 |
| May | 28,908 | 33,128 | 23 | 29,771 | 71,555 | 297 | 39,455 |
| June | 28,600 | 36,367 | 24 | 29,129 | 68,970 | 241 | 38,787 |
| July | 29,707 | 35,925 | 29 | 31,437 | 70,861 | 284 | 39,030 |
| August | 31,095 | 36,326 | 28 | 31,498 | 71,988 | 281 | 38,810 |
| September | 30,166 | 37,770 | 28 | 30,881 | 64,981 | 289 | 36,242 |
| October | 31,594 | 39,890 | 25 | 32,190 | 72,442 | 248 | 37,093 |
| November | 30,465 | 39,339 | 23 | 30,925 | 64,602 | 244 | 35,767 |
| December | 30,556 | 42,787 | 23 | 30,804 | 67,893 | 269 | 36,679 |
| **Total** | **356,061** | **463,301** | **301** | **360,205** | **841,521** | **3,353** | **454,901** |
| **2003** | | | | | | | |
| January | 30,763 | 42,229 | 22 | 29,894 | 83,130 | 236 | 36,158 |
| February | 28,063 | 38,442 | 21 | 27,119 | 75,511 | [E]200 | 32,308 |
| March | 31,401 | 52,604 | 21 | 29,442 | 82,932 | [E]234 | 35,429 |
| April | 29,782 | 39,481 | 21 | [E]28,574 | 78,817 | [E]210 | 34,533 |
| May | 29,933 | 36,457 | 24 | 29,536 | 81,900 | 210 | 38,050 |
| June | 29,136 | 36,077 | 23 | 28,445 | 78,820 | 280 | 33,991 |
| July | 29,643 | 35,809 | 24 | 29,568 | 78,272 | 275 | 35,848 |
| August | 30,317 | 35,327 | 22 | 28,101 | 77,726 | 236 | 36,294 |
| September | 28,868 | 36,478 | 21 | 27,467 | 80,855 | 272 | 34,554 |
| October | 29,525 | 40,135 | 21 | 27,391 | 79,555 | 294 | 34,781 |
| November | 28,276 | 40,580 | 20 | 26,745 | 80,731 | [E]266 | 33,706 |
| December | 28,387 | 42,616 | 22 | 27,491 | 77,478 | 288 | 34,262 |
| **Total** | **354,096** | **476,236** | **262** | **[E]339,773** | **955,727** | **[E]3,000** | **419,913** |
| **2004** | | | | | | | |
| January | 27,875 | 43,810 | 46 | 27,837 | 87,867 | 284 | 34,154 |
| February | 25,595 | 39,611 | 45 | 25,625 | 76,934 | 191 | 31,125 |
| March | 27,723 | 42,977 | 49 | 26,765 | 86,744 | 271 | 33,804 |
| April | [R]26,544 | 40,151 | 21 | 26,477 | 84,155 | 278 | 32,888 |
| May | [E]26,895 | 35,048 | 22 | 26,523 | 74,206 | 264 | 33,473 |
| **2004 YTD** | **[E]134,631** | **201,597** | **184** | **133,226** | **409,906** | **1,288** | **165,444** |
| **2003 YTD** | **149,943** | **209,213** | **109** | **[E]144,564** | **402,290** | **[E]1,090** | **176,478** |
| **2002 YTD** | **143,878** | **194,897** | **122** | **143,342** | **359,784** | **1,496** | **192,492** |

See footnotes at end of table.

Table 7

# Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004

(Million Cubic Feet) — Continued

| Year and Month | Louisiana | Michigan | Mississippi | Montana | New Mexico | North Dakota | Oklahoma |
|---|---|---|---|---|---|---|---|
| **1999 Total** | **1,566,916** | **277,364** | **111,021** | **61,163** | **1,511,671** | **52,862** | **1,594,002** |
| **2000 Total** | **1,455,014** | **296,556** | **88,558** | **69,936** | **1,695,295** | **52,426** | **1,612,890** |
| **2001 Total** | **1,502,086** | **275,036** | **107,541** | **81,397** | **1,689,125** | **54,732** | **1,615,384** |
| **2002** | | | | | | | |
| January | 117,669 | 34,721 | 9,510 | 7,390 | 141,440 | 4,760 | 135,000 |
| February | 108,552 | 13,117 | 8,855 | 6,749 | 128,689 | 4,282 | 118,023 |
| March | 117,930 | 31,181 | 9,016 | 7,406 | 141,104 | 4,712 | 131,581 |
| April | 114,112 | 17,397 | 8,706 | 6,913 | 133,596 | 4,621 | 130,803 |
| May | 119,354 | 29,161 | 9,321 | 7,157 | 139,328 | 4,907 | 132,939 |
| June | 117,417 | 17,542 | 9,065 | 6,614 | 130,375 | 4,627 | 123,978 |
| July | 118,644 | 34,609 | 9,067 | 7,251 | 137,861 | 4,768 | 131,546 |
| August | 115,392 | 13,770 | 9,443 | 7,171 | 136,832 | 4,874 | 131,156 |
| September | 107,291 | 18,666 | 10,110 | 7,037 | 133,572 | 5,270 | 127,487 |
| October | 102,774 | 29,863 | 10,172 | 7,429 | 139,159 | 4,865 | 134,834 |
| November | 110,156 | 15,889 | 9,464 | 7,070 | 133,847 | 4,629 | 127,526 |
| December | 112,458 | 18,560 | 10,250 | 7,888 | 136,276 | 4,733 | 126,397 |
| **Total** | **1,361,751** | **274,476** | **112,980** | **86,075** | **1,632,080** | **57,048** | **1,551,272** |
| **2003** | | | | | | | |
| January | E113,923 | 30,488 | 10,990 | 6,902 | 129,805 | 4,607 | E141,591 |
| February | E106,400 | 15,229 | 9,530 | 6,546 | 118,977 | 4,132 | E128,156 |
| March | E118,513 | 22,663 | 10,566 | 7,116 | 133,383 | 4,557 | E140,777 |
| April | E116,731 | 15,026 | 10,924 | 6,817 | 126,853 | 4,311 | E134,043 |
| May | E119,816 | 22,584 | 11,317 | 6,767 | 130,740 | 4,470 | E140,654 |
| June | E111,791 | 17,416 | 11,065 | 6,788 | 124,507 | 4,595 | E136,475 |
| July | E115,349 | 21,166 | 11,099 | 6,971 | 130,915 | 4,714 | E143,336 |
| August | E118,792 | 18,469 | 11,643 | 6,597 | 128,559 | 4,739 | E143,367 |
| September | E112,109 | 28,238 | 11,746 | 6,987 | 129,390 | 4,781 | E137,758 |
| October | E112,441 | 19,122 | 12,271 | 7,362 | 132,421 | 4,804 | E142,165 |
| November | E111,678 | 9,571 | 11,435 | E7,317 | 128,554 | 4,868 | E137,698 |
| December | E114,684 | 18,542 | 13,458 | E8,171 | 131,138 | 4,983 | E142,843 |
| **Total** | **E1,372,227** | **238,513** | **136,043** | **E84,344** | **1,545,243** | **55,561** | **E1,668,863** |
| **2004** | | | | | | | |
| January | E114,433 | 24,888 | 12,308 | 7,844 | 131,268 | 5,072 | E144,322 |
| February | E106,498 | 10,202 | 12,149 | 7,245 | 121,355 | 5,238 | E135,444 |
| March | E113,718 | 27,599 | 12,799 | R7,864 | 117,863 | 4,890 | E145,710 |
| April | E114,571 | 21,616 | 12,593 | RE7,401 | R123,662 | 4,542 | E141,517 |
| May | E117,705 | 12,493 | 13,233 | E7,560 | 111,417 | 4,353 | E145,587 |
| **2004 YTD** | **E566,925** | **96,798** | **63,081** | **E37,914** | **605,565** | **24,096** | **E712,580** |
| **2003 YTD** | **E575,383** | **105,989** | **53,327** | **34,149** | **639,759** | **22,076** | **E685,221** |
| **2002 YTD** | **577,619** | **125,577** | **45,409** | **35,615** | **684,157** | **23,282** | **648,348** |

See footnotes at end of table.

# Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1999-2004

(Million Cubic Feet) — Continued

| Year and Month | Oregon | Texas | Utah | Wyoming | Other[a] States | Federal Gulf of Mexico | U.S. Total |
|---|---|---|---|---|---|---|---|
| **1999 Total** | **1,291** | **5,054,486** | **262,614** | **971,230** | **800,579** | **5,029,704** | **19,804,848** |
| **2000 Total** | **1,214** | **5,282,104** | **269,285** | **1,088,328** | **866,902** | **4,934,387** | **20,197,511** |
| **2001 Total** | **1,110** | **5,282,723** | **283,913** | **1,363,879** | **776,303** | **5,027,623** | **20,570,295** |
| **2002** | | | | | | | |
| January | 75 | 438,365 | 23,711 | 119,588 | 69,088 | 386,488 | 1,704,995 |
| February | 69 | 395,589 | 21,659 | 110,642 | 65,072 | 351,663 | 1,528,184 |
| March | 71 | 437,880 | 23,756 | 118,889 | 71,191 | 393,909 | 1,705,641 |
| April | 74 | 424,705 | 22,507 | 117,690 | 66,003 | 401,856 | 1,652,435 |
| May | 73 | 437,461 | 23,348 | 123,154 | 66,851 | 417,287 | 1,713,477 |
| June | 73 | 424,759 | 22,313 | 117,021 | 68,153 | 404,334 | 1,648,390 |
| July | 71 | 438,307 | 22,564 | 122,163 | 65,435 | 420,912 | 1,720,471 |
| August | 68 | 434,699 | 23,058 | 110,766 | 67,880 | 423,333 | 1,688,469 |
| September | 63 | 418,082 | 21,574 | 118,447 | 65,604 | 354,217 | 1,587,778 |
| October | 70 | 437,424 | 23,330 | 129,180 | 70,392 | 332,977 | 1,635,953 |
| November | 65 | 420,265 | 23,074 | 130,736 | 70,060 | 387,666 | 1,641,812 |
| December | 64 | 433,539 | 23,845 | 135,681 | 75,773 | 398,713 | 1,693,187 |
| **Total** | **837** | **5,141,075** | **274,739** | **1,453,957** | **821,503** | **4,673,355** | **19,920,790** |
| **2003** | | | | | | | |
| January | 70 | [E]447,039 | 23,759 | 132,547 | [E]71,375 | [E]385,124 | [E]1,720,652 |
| February | 64 | [E]405,902 | 21,511 | 118,544 | [E]67,669 | [E]353,487 | [E]1,557,812 |
| March | [E]70 | [E]448,607 | 23,993 | 130,518 | [E]73,575 | [E]396,999 | [E]1,743,400 |
| April | 66 | [E]425,355 | 22,719 | 123,604 | [E]69,024 | [E]386,800 | [E]1,653,690 |
| May | 68 | [E]448,495 | [E]23,450 | 116,924 | [E]67,756 | [E]392,155 | [E]1,701,305 |
| June | 61 | [E]433,918 | 22,139 | 120,000 | [E]70,961 | [E]370,049 | [E]1,636,538 |
| July | 61 | [E]451,986 | 21,673 | 122,714 | [E]67,236 | [E]380,073 | [E]1,686,733 |
| August | 62 | [E]451,930 | 22,253 | 122,837 | [E]70,298 | [E]376,874 | [E]1,684,444 |
| September | 54 | [E]435,111 | 21,729 | 124,132 | [E]68,911 | [E]357,357 | [E]1,646,818 |
| October | 49 | [E]446,319 | 22,621 | 131,349 | [E]73,530 | [E]370,262 | [E]1,686,417 |
| November | 50 | [E]432,782 | 21,865 | 127,995 | [E]71,406 | [E]346,876 | [E]1,622,420 |
| December | 56 | [E]450,460 | 22,889 | 134,288 | [E]77,639 | [E]360,009 | [E]1,689,704 |
| **Total** | **[E]731** | **[E]5,277,904** | **[E]270,600** | **1,505,452** | **[E]849,381** | **[E]4,476,065** | **[E]20,029,934** |
| **2004** | | | | | | | |
| January | [R]49 | [E]453,985 | 21,237 | 132,555 | [E]71,291 | [E]368,343 | [RE]1,709,468 |
| February | [R]42 | [E]425,427 | 21,567 | 124,765 | [E]67,687 | [E]351,387 | [RE]1,588,132 |
| March | [R]43 | [E]458,324 | 22,991 | 133,991 | [E]74,826 | [E]359,476 | [RE]1,698,428 |
| April | [R]39 | [E]445,476 | [R]22,429 | 129,444 | [E]68,574 | [E]331,173 | [RE]1,633,551 |
| May | 37 | [E]457,852 | [E]28,475 | 133,697 | [E]69,085 | [E]348,524 | [RE]1,646,448 |
| **2004 YTD** | **210** | **[E]2,241,064** | **[E]116,698** | **654,453** | **[E]351,462** | **[E]1,758,903** | **[E]8,276,028** |
| **2003 YTD** | **[E]338** | **[E]2,175,398** | **[E]115,432** | **622,137** | **[E]349,399** | **[E]1,914,565** | **[E]8,376,859** |
| **2002 YTD** | **363** | **2,134,000** | **114,981** | **589,962** | **338,206** | **1,951,203** | **8,304,731** |

[a] Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2003 monthly values for these States are estimated.

[R] Revised Data.

[E] Estimated Data.

[RE] Revised Estimated Data.

**Notes:** Data for 1998 through 2002 are final. All other data are preliminary unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

**Sources:** 1998-2002: Energy Information Administration (EIA), *Natural Gas Annual 2002* and Minerals Management Service reports. January 2003 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8

# Table 8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, May 2004

(Million Cubic Feet)

| State | Gross Withdrawals | | | Repressuring | Nonhydrocarbon Gases Removed[a] | Vented and Flared | Marketed Production |
|---|---|---|---|---|---|---|---|
| | From Gas Wells | From Oil Wells | Total | | | | |
| Alabama | [E]28,369 | [E]432 | [E]28,801 | [E]137 | [E]1,641 | [E]129 | [E]26,895 |
| Alaska | 12,171 | 297,132 | 309,304 | 273,764 | 0 | 492 | 35,048 |
| Arizona | 22 | 0 | 22 | 0 | 0 | 0 | 22 |
| California | 6,511 | 22,965 | 29,475 | 2,539 | 278 | 135 | 26,523 |
| Colorado | 64,544 | 10,507 | 75,051 | 751 | 0 | 94 | 74,206 |
| Florida | 0 | 298 | 298 | 0 | 34 | 0 | 264 |
| Kansas | 33,563 | 0 | 33,563 | 57 | 0 | 34 | 33,473 |
| Louisiana | [E]100,942 | [E]18,583 | [E]119,526 | [E]1,005 | 0 | [E]816 | [E]117,705 |
| Michigan | 10,168 | 2,542 | 12,710 | 90 | 0 | 127 | 12,493 |
| Mississippi | 15,360 | 342 | 15,702 | 499 | 1,630 | 340 | 13,233 |
| Montana | [E]6,823 | [E]776 | [E]7,599 | [E]0 | [E]0 | [E]39 | [E]7,560 |
| New Mexico | 95,899 | 16,510 | 112,408 | 722 | 0 | 270 | 111,417 |
| North Dakota | 885 | 3,883 | 4,768 | 0 | 18 | 397 | 4,353 |
| Oklahoma | [E]131,615 | [E]13,972 | [E]145,587 | 0 | 0 | 0 | [E]145,587 |
| Oregon | 37 | 0 | 37 | 0 | 0 | 0 | 37 |
| Texas | [E]410,617 | [E]99,357 | [E]509,974 | [E]38,413 | [E]11,588 | [E]2,121 | [E]457,852 |
| Utah | [E]26,709 | [E]3,141 | [E]29,850 | [E]131 | [E]1,177 | [E]67 | [E]28,475 |
| Wyoming | 145,550 | 16,630 | 162,179 | 9,990 | 17,276 | 1,216 | 133,697 |
| Other States | [E]67,200 | [E]2,502 | [E]69,702 | [E]0 | [E]488 | [E]129 | [E]69,085 |
| Federal Gulf of Mexico | [E]282,967 | [E]68,219 | [E]351,186 | [E]1,163 | 0 | [E]1,499 | [E]348,524 |
| **Total** | **[E]1,439,951** | **[E]577,792** | **[E]2,017,743** | **[E]329,261** | **[E]34,130** | **[E]7,904** | **[E]1,646,448** |

[a] See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

[E] Estimated Data.

[RE] Revised Estimated Data.

**Notes:** All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

**Source:** Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" and EIA estimates.

# Table 9. Underground Natural Gas Storage - All Operators, 1999-2004

(Volumes in Billion Cubic Feet)

| Year and Month | Natural Gas in Underground Storage at End of Period | | | Change In Working Gas from Same Period Previous Year | | Storage Activity | | |
|---|---|---|---|---|---|---|---|---|
| | Base Gas | Working Gas | Total[b] | Volume | Percent | Injections | Withdrawals | Net Withdrawals[c] |
| **1999 Total[a]** | — | — | — | — | — | **2,598** | **2,772** | **174** |
| **2000 Total[a]** | — | — | — | — | — | **2,684** | **3,498** | **814** |
| **2001 Total[a]** | — | — | — | — | — | **3,464** | **2,309** | **-1,156** |
| **2002** | | | | | | | | |
| January | 4,313 | 2,344 | 6,657 | 1,078 | 85.2 | 59 | 606 | 546 |
| February | 4,356 | 1,838 | 6,194 | 925 | 101.4 | 55 | 520 | 464 |
| March | 4,355 | 1,518 | 5,873 | 776 | 104.7 | 108 | 428 | 320 |
| April | 4,355 | 1,659 | 6,014 | 666 | 67.1 | 238 | 112 | -126 |
| May | 4,361 | 1,968 | 6,329 | 528 | 36.7 | 381 | 60 | -322 |
| June | 4,355 | 2,308 | 6,663 | 426 | 22.6 | 397 | 56 | -341 |
| July | 4,358 | 2,539 | 6,896 | 278 | 12.3 | 343 | 101 | -242 |
| August | 4,357 | 2,773 | 7,130 | 198 | 7.7 | 325 | 90 | -236 |
| September | 4,342 | 3,042 | 7,384 | 97 | 3.3 | 340 | 71 | -269 |
| October | 4,342 | 3,116 | 7,458 | -28 | -0.9 | 232 | 145 | -87 |
| November | 4,344 | 2,929 | 7,273 | -325 | -10.0 | 124 | 322 | 198 |
| December | 4,340 | 2,375 | 6,715 | -528 | -18.2 | 66 | 627 | 560 |
| **Total** | — | — | — | — | — | **2,670** | **3,138** | **468** |
| **2003** | | | | | | | | |
| January | 4,342 | 1,534 | 5,876 | -810 | -34.5 | 44 | 886 | 841 |
| February | 4,334 | 864 | 5,198 | -974 | -53.0 | 48 | 723 | 676 |
| March | 4,324 | 730 | 5,054 | -788 | -51.9 | 169 | 305 | 136 |
| April | 4,315 | 896 | 5,211 | -763 | -46.0 | 277 | 118 | -158 |
| May | 4,322 | 1,300 | 5,622 | -668 | -33.9 | 453 | 41 | -412 |
| June | 4,323 | 1,768 | 6,091 | -540 | -23.4 | 506 | 36 | -470 |
| July | 4,323 | 2,129 | 6,451 | -410 | -16.1 | 426 | 64 | -361 |
| August | 4,324 | 2,435 | 6,760 | -338 | -12.2 | 371 | 62 | -309 |
| September | 4,328 | 2,843 | 7,171 | -199 | -6.5 | 441 | 31 | -411 |
| October | 4,327 | 3,130 | 7,457 | 14 | 0.5 | 343 | 59 | -284 |
| November | 4,305 | 3,038 | 7,343 | 110 | 3.7 | 142 | 228 | 86 |
| December | 4,305 | 2,565 | 6,869 | 189 | 8.0 | 70 | 543 | 473 |
| **Total** | — | — | — | — | — | **3,288** | **3,095** | **-193** |
| **2004** | | | | | | | | |
| January | 4,301 | 1,751 | 6,052 | 217 | 14.1 | 59 | 869 | 811 |
| February | 4,297 | 1,156 | 5,452 | 292 | 33.8 | 47 | 646 | 600 |
| March | 4,283 | 1,058 | 5,342 | 328 | 45.0 | 165 | 269 | 103 |
| April | 4,283 | 1,252 | 5,535 | 357 | 39.8 | 293 | 95 | -198 |
| May | 4,287 | 1,624 | 5,911 | 323 | 24.9 | 421 | 43 | -379 |
| June | 4,284 | 2,023 | 6,307 | 255 | 14.4 | 428 | 31 | -397 |
| July | 4,287 | 2,395 | 6,681 | 266 | 12.5 | 422 | 56 | -366 |

[a] Total as of December 31.

[b] Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1999 - 8,229; 2000 - 8,241; 2001 - 8,415; and 2002 - 8,207.

[c] Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

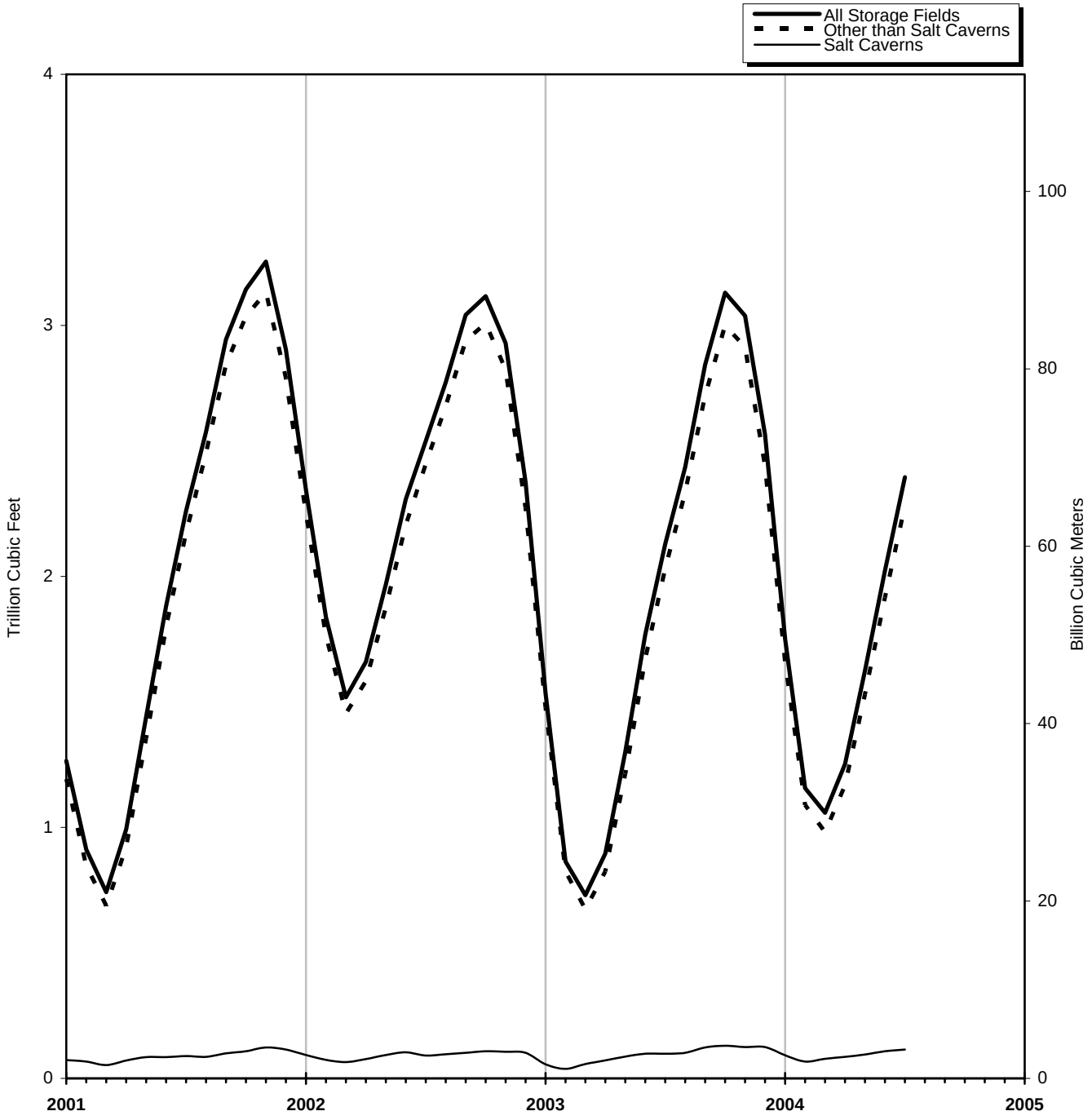
— Not Applicable.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5

## Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 2001-2004




**Sources:** Tables 10, 11 and 12.

# Table 10. Underground Natural Gas Storage - by Season, 2001-2004

(Volumes in Billion Cubic Feet)



| Year, Season and Month | Natural Gas in Underground Storage at End of Period | | | Change In Working Gas from Same Period Previous Year | | Storage Activity | | |
|---|---|---|---|---|---|---|---|---|
| | Base Gas | Working Gas | Total | Volume | Percent | Injections | Withdrawals | Net Withdrawals[a] |
| **October 2001** | 4,310 | 3,144 | 7,454 | 412 | 15.1 | 282 | 93 | -190 |
| **2001-2002 Heating Season** | | | | | | | | |
| November | 4,301 | 3,254 | 7,555 | 812 | 33.2 | 210 | 138 | -73 |
| December | 4,301 | 2,904 | 7,204 | 1,185 | 68.9 | 80 | 432 | 352 |
| January | 4,313 | 2,344 | 6,657 | 1,078 | 85.2 | 59 | 606 | 546 |
| February | 4,356 | 1,838 | 6,194 | 925 | 101.4 | 55 | 520 | 464 |
| March | 4,355 | 1,518 | 5,873 | 776 | 104.7 | 108 | 428 | 320 |
| **Total** | — | — | — | — | — | **513** | **2,123** | **1,610** |
| **2002 Refill Season** | | | | | | | | |
| April | 4,355 | 1,659 | 6,014 | 666 | 67.1 | 238 | 112 | -126 |
| May | 4,361 | 1,968 | 6,329 | 528 | 36.7 | 381 | 60 | -322 |
| June | 4,355 | 2,308 | 6,663 | 426 | 22.6 | 397 | 56 | -341 |
| July | 4,358 | 2,539 | 6,896 | 278 | 12.3 | 343 | 101 | -242 |
| August | 4,357 | 2,773 | 7,130 | 198 | 7.7 | 325 | 90 | -236 |
| September | 4,342 | 3,042 | 7,384 | 97 | 3.3 | 340 | 71 | -269 |
| October | 4,342 | 3,116 | 7,458 | -28 | -0.9 | 232 | 145 | -87 |
| **Total** | — | — | — | — | — | **2,257** | **635** | **-1,621** |
| **2002-2003 Heating Season** | | | | | | | | |
| November | 4,344 | 2,929 | 7,273 | -325 | -10.0 | 124 | 322 | 198 |
| December | 4,340 | 2,375 | 6,715 | -528 | -18.2 | 66 | 627 | 560 |
| January | 4,342 | 1,534 | 5,876 | -810 | -34.5 | 44 | 886 | 841 |
| February | 4,334 | 864 | 5,198 | -974 | -53.0 | 48 | 723 | 676 |
| March | 4,324 | 730 | 5,054 | -788 | -51.9 | 169 | 305 | 136 |
| **Total** | — | — | — | — | — | **451** | **2,862** | **2,411** |
| **2003 Refill Season** | | | | | | | | |
| April | 4,315 | 896 | 5,211 | -763 | -46.0 | 277 | 118 | -158 |
| May | 4,322 | 1,300 | 5,622 | -668 | -33.9 | 453 | 41 | -412 |
| June | 4,323 | 1,768 | 6,091 | -540 | -23.4 | 506 | 36 | -470 |
| July | 4,323 | 2,129 | 6,451 | -410 | -16.1 | 426 | 64 | -361 |
| August | 4,324 | 2,435 | 6,760 | -338 | -12.2 | 371 | 62 | -309 |
| September | 4,328 | 2,843 | 7,171 | -199 | -6.5 | 441 | 31 | -411 |
| October | 4,327 | 3,130 | 7,457 | 14 | 0.5 | 343 | 59 | -284 |
| **Total** | — | — | — | — | — | **2,816** | **411** | **-2,405** |
| **2003-2004 Heating Season** | | | | | | | | |
| November | 4,305 | 3,038 | 7,343 | 110 | 3.7 | 142 | 228 | 86 |
| December | 4,305 | 2,565 | 6,869 | 189 | 8.0 | 70 | 543 | 473 |
| January | 4,301 | 1,751 | 6,052 | 217 | 14.1 | 59 | 869 | 811 |
| February | 4,297 | 1,156 | 5,452 | 292 | 33.8 | 47 | 646 | 600 |
| March | 4,283 | 1,058 | 5,342 | 328 | 45.0 | 165 | 269 | 103 |
| **Total** | — | — | — | — | — | **482** | **2,556** | **2,074** |
| **2004 Refill Season** | | | | | | | | |
| April | 4,283 | 1,252 | 5,535 | 357 | 39.8 | 293 | 95 | -198 |
| May | 4,287 | 1,624 | 5,911 | 323 | 24.9 | 421 | 43 | -379 |
| June | 4,284 | 2,023 | 6,307 | 255 | 14.4 | 428 | 31 | -397 |
| July | 4,287 | 2,395 | 6,681 | 266 | 12.5 | 422 | 56 | -366 |

[a] Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 11

# Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1999-2004

(Volumes in Billion Cubic Feet)

| Year and Month | Natural Gas in Salt Cavern Underground Storage at End of Period | | | Change in Working Gas from Same Period Previous Year | | Storage Activity | | |
|---|---|---|---|---|---|---|---|---|
| | Base Gas | Working Gas | Total | Volume | Percent | Injections | Withdrawals | Net Withdrawals |
| **1999 Total[a]** | — | — | — | — | — | **260** | **259** | **-1** |
| **2000 Total[a]** | — | — | — | — | — | **296** | **320** | **24** |
| **2001 Total[a]** | — | — | — | — | — | **341** | **294** | **-47** |
| **2002** | | | | | | | | |
| January | 77 | 93 | 170 | 19 | 26.2 | 24 | 46 | 22 |
| February | 77 | 74 | 151 | 7 | 10.9 | 20 | 38 | 18 |
| March | 77 | 65 | 142 | 12 | 22.3 | 27 | 37 | 9 |
| April | 77 | 77 | 154 | 6 | 8.1 | 29 | 17 | -12 |
| May | 77 | 93 | 171 | 8 | 9.7 | 35 | 20 | -15 |
| June | 77 | 104 | 181 | 19 | 22.2 | 32 | 21 | -10 |
| July | 80 | 91 | 171 | 2 | 2.7 | 29 | 36 | 7 |
| August | 80 | 96 | 176 | 10 | 11.3 | 32 | 27 | -5 |
| September | 81 | 102 | 184 | 2 | 2.2 | 34 | 27 | -7 |
| October | 82 | 108 | 190 | 0 | 0.1 | 38 | 31 | -7 |
| November | 75 | 106 | 181 | -18 | -14.3 | 29 | 28 | 0 |
| December | 75 | 102 | 177 | -13 | -10.9 | 30 | 35 | 4 |
| **Total** | — | — | — | — | — | **358** | **363** | **5** |
| **2003** | | | | | | | | |
| January | 76 | 56 | 133 | -36 | -39.1 | 21 | 65 | 43 |
| February | 76 | 38 | 114 | -37 | -49.3 | 25 | 42 | 18 |
| March | 75 | 57 | 132 | -8 | -11.7 | 39 | 21 | -18 |
| April | 75 | 72 | 147 | -5 | -6.1 | 34 | 19 | -14 |
| May | 75 | 87 | 162 | -6 | -6.7 | 35 | 20 | -15 |
| June | 75 | 98 | 172 | -6 | -5.7 | 31 | 20 | -11 |
| July | 75 | 98 | 173 | 7 | 7.7 | 31 | 30 | -1 |
| August | 75 | 102 | 177 | 7 | 6.8 | 27 | 24 | -3 |
| September | 75 | 123 | 198 | 20 | 19.7 | 34 | 12 | -21 |
| October | 75 | 130 | 205 | 22 | 20.1 | 29 | 21 | -7 |
| November | 76 | 125 | 201 | 19 | 18.4 | 25 | 28 | 4 |
| December | 76 | 125 | 201 | 23 | 22.5 | 28 | 27 | 0 |
| **Total** | — | — | — | — | — | **357** | **330** | **-27** |
| **2004** | | | | | | | | |
| January | 76 | 92 | 168 | 36 | 63.7 | 25 | 58 | 33 |
| February | 76 | 67 | 143 | 29 | 77.8 | 26 | 51 | 25 |
| March | 75 | 78 | 153 | 20 | 35.2 | 32 | 21 | -11 |
| April | 75 | 86 | 161 | 14 | 19.3 | 29 | 19 | -10 |
| May | 76 | 95 | 170 | 8 | 8.7 | 28 | 19 | -9 |
| June | 75 | 108 | 183 | 10 | 10.3 | 31 | 18 | -13 |
| July | 74 | 115 | 189 | 17 | 17.0 | 30 | 24 | -7 |

[a] Total as of December 31.

— Not Applicable.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

# Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1999-2004

(Volumes in Billion Cubic Feet)

| Year and Month | Natural Gas in Non-Salt Cavern Underground Storage at End of Period | | | Change in Working Gas from Same Period Previous Year | | Storage Activity | | |
|---|---|---|---|---|---|---|---|---|
| | Base Gas | Working Gas | Total | Volume | Percent | Injections | Withdrawals | Net Withdrawals |
| **1999 Total[a]** | — | — | — | — | — | **2,338** | **2,512** | **175** |
| **2000 Total[a]** | — | — | — | — | — | **2,388** | **3,178** | **790** |
| **2001 Total[a]** | — | — | — | — | — | **3,123** | **2,015** | **-1,108** |
| **2002** | | | | | | | | |
| January | 4,236 | 2,251 | 6,487 | 1,059 | 88.8 | 36 | 561 | 525 |
| February | 4,279 | 1,764 | 6,043 | 918 | 108.6 | 36 | 481 | 446 |
| March | 4,278 | 1,453 | 5,731 | 764 | 111.0 | 80 | 391 | 311 |
| April | 4,278 | 1,582 | 5,860 | 661 | 71.7 | 209 | 96 | -114 |
| May | 4,284 | 1,875 | 6,159 | 520 | 38.4 | 346 | 40 | -307 |
| June | 4,278 | 2,205 | 6,483 | 407 | 22.6 | 366 | 35 | -331 |
| July | 4,278 | 2,448 | 6,725 | 275 | 12.7 | 314 | 65 | -249 |
| August | 4,277 | 2,678 | 6,954 | 188 | 7.5 | 293 | 62 | -231 |
| September | 4,261 | 2,939 | 7,201 | 95 | 3.3 | 306 | 44 | -262 |
| October | 4,260 | 3,008 | 7,268 | -28 | -0.9 | 194 | 114 | -80 |
| November | 4,269 | 2,823 | 7,092 | -308 | -9.8 | 95 | 294 | 198 |
| December | 4,265 | 2,273 | 6,539 | -516 | -18.5 | 36 | 592 | 556 |
| **Total** | — | — | — | — | — | **2,313** | **2,775** | **463** |
| **2003** | | | | | | | | |
| January | 4,265 | 1,478 | 5,743 | -773 | -34.3 | 23 | 821 | 798 |
| February | 4,258 | 826 | 5,084 | -938 | -53.2 | 23 | 681 | 658 |
| March | 4,249 | 673 | 4,922 | -780 | -53.7 | 130 | 284 | 154 |
| April | 4,240 | 824 | 5,064 | -758 | -47.9 | 243 | 99 | -144 |
| May | 4,247 | 1,213 | 5,461 | -662 | -35.3 | 418 | 21 | -397 |
| June | 4,248 | 1,671 | 5,919 | -534 | -24.2 | 474 | 15 | -459 |
| July | 4,248 | 2,031 | 6,279 | -417 | -17.0 | 395 | 35 | -360 |
| August | 4,250 | 2,333 | 6,583 | -345 | -12.9 | 343 | 37 | -306 |
| September | 4,253 | 2,720 | 6,973 | -219 | -7.4 | 408 | 19 | -389 |
| October | 4,252 | 3,000 | 7,252 | -8 | -0.2 | 315 | 38 | -277 |
| November | 4,228 | 2,913 | 7,142 | 90 | 3.2 | 117 | 200 | 83 |
| December | 4,229 | 2,440 | 6,668 | 166 | 7.3 | 42 | 516 | 474 |
| **Total** | — | — | — | — | — | **2,931** | **2,765** | **-166** |
| **2004** | | | | | | | | |
| January | 4,225 | 1,659 | 5,883 | 181 | 12.2 | 34 | 812 | 778 |
| February | 4,221 | 1,089 | 5,310 | 263 | 31.8 | 21 | 595 | 574 |
| March | 4,208 | 981 | 5,189 | 308 | 45.8 | 134 | 248 | 114 |
| April | 4,207 | 1,167 | 5,374 | 343 | 41.6 | 264 | 76 | -188 |
| May | 4,212 | 1,529 | 5,741 | 316 | 26.0 | 393 | 23 | -370 |
| June | 4,209 | 1,915 | 6,125 | 245 | 14.6 | 397 | 13 | -384 |
| July | 4,212 | 2,280 | 6,492 | 249 | 12.3 | 392 | 32 | -359 |

[a] Total as of December 31.

— Not Applicable.

**Notes:** Data for 1999 through 2002 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

**Sources:** Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13

# Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet)

| State | 2004 | | | | | | |
|---|---|---|---|---|---|---|---|
| | July | June | May | April | March | February | January |
| Alabama | 134 | -1,092 | -1,087 | -477 | -229 | 1,180 | 2,417 |
| Arkansas | -590 | -548 | -465 | -136 | 455 | 1,331 | 1,912 |
| California | -9,614 | -31,029 | -35,502 | -26,462 | -7,223 | 42,943 | 53,688 |
| Colorado | -4,223 | -3,407 | 302 | 8,621 | 395 | 4,712 | 3,491 |
| Illinois | -34,646 | -34,451 | -27,588 | -750 | 26,768 | 44,777 | 67,571 |
| Indiana | -3,699 | -2,922 | -2,258 | -698 | 2,637 | 4,296 | 6,897 |
| Iowa | -12,598 | -5,414 | -3,980 | 333 | 7,423 | 15,287 | 21,055 |
| Kansas | -9,852 | -10,639 | -11,107 | -3,901 | 1,473 | 17,994 | 23,978 |
| Kentucky | -8,814 | -8,230 | -7,405 | -3,128 | 1,245 | 12,941 | 18,860 |
| Louisiana | -32,851 | -24,818 | -20,403 | -12,252 | -5,125 | 56,412 | 50,936 |
| Maryland | -2,357 | -3,040 | -1,535 | -337 | 523 | 2,661 | 5,535 |
| Michigan | -78,219 | -69,587 | -65,345 | -37,847 | 44,248 | 99,628 | 153,143 |
| Minnesota | -321 | -245 | 0 | 215 | 484 | 88 | 612 |
| Mississippi | -6,725 | -7,881 | -6,637 | -4,293 | -5,067 | 5,650 | 12,798 |
| Missouri | 5 | -1,197 | 22 | 28 | 1,108 | 29 | 982 |
| Montana | -3,917 | -2,409 | -1,620 | 53 | 2,746 | 4,817 | 5,639 |
| Nebraska | -1,505 | -1,329 | -968 | -472 | 277 | 1,317 | 797 |
| New Mexico | 249 | 248 | -770 | 1,267 | 14 | 1,276 | 1,084 |
| New York | -10,597 | -12,478 | -10,640 | -4,618 | 6,405 | 14,634 | 23,686 |
| Ohio | -30,722 | -31,914 | -27,981 | -8,139 | 20,210 | 37,598 | 53,518 |
| Oklahoma | -12,753 | -20,287 | -19,657 | -19,278 | -100 | 31,718 | 34,428 |
| Oregon | -2,223 | -3,386 | 8 | 1,477 | 941 | 1,501 | 2,680 |
| Pennsylvania | -48,132 | -53,872 | -50,602 | -24,471 | 20,744 | 71,541 | 117,685 |
| Tennessee | -63 | -46 | -32 | -32 | 12 | 51 | 103 |
| Texas | -10,694 | -22,749 | -36,463 | -39,244 | -25,180 | 71,692 | 66,335 |
| Utah | -6,491 | -8,192 | -8,114 | -486 | -714 | 10,077 | 12,729 |
| Virginia | -258 | -327 | -732 | -121 | 311 | 366 | 975 |
| Washington | 1,118 | 242 | -4,075 | -3,032 | -1,019 | 5,119 | 2,817 |
| West Virginia | -32,220 | -31,801 | -31,726 | -17,117 | 8,687 | 33,624 | 58,367 |
| Wyoming | -3,382 | -3,774 | -2,484 | -2,598 | 995 | 4,271 | 5,898 |
| **AGA Regions** | | | | | | | |
| Producing | -73,081 | -87,766 | -96,589 | -78,313 | -33,758 | 187,253 | 193,887 |
| Eastern Consuming | -263,823 | -256,609 | -230,770 | -97,369 | 140,597 | 338,749 | 529,175 |
| Western Consuming | -29,052 | -52,201 | -51,486 | -22,211 | -3,396 | 73,528 | 87,553 |
| **Total** | **-365,955** | **-396,576** | **-378,845** | **-197,893** | **103,444** | **599,531** | **810,616** |

See footnotes at end of table.

## Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet) — Continued

| State | 2003 | | | | | | |
|---|---|---|---|---|---|---|---|
| | Total | December | November | October | September | August | July |
| Alabama | -4,165 | 323 | 20 | -728 | -1,240 | -144 | -779 |
| Arkansas | -1 | 1,212 | 97 | -679 | -907 | -977 | -752 |
| California | -712 | 35,860 | 4,514 | -20,167 | -21,318 | -9,889 | -12,996 |
| Colorado | -762 | 1,931 | 1,823 | -3,062 | -4,206 | -6,122 | -3,424 |
| Illinois | -7,505 | 43,473 | 14,742 | -32,129 | -33,079 | -28,871 | -32,362 |
| Indiana | 224 | 4,066 | -1,204 | -3,346 | -3,822 | -2,907 | -2,862 |
| Iowa | -1,774 | 16,451 | 2,186 | -13,224 | -14,850 | -12,884 | -10,709 |
| Kansas | -9,707 | 14,208 | 7,406 | -7,672 | -15,287 | -9,840 | -9,728 |
| Kentucky | -2,547 | 10,377 | 3,338 | -7,149 | -8,643 | -7,289 | -9,214 |
| Louisiana | -21,853 | 34,617 | 4,456 | -30,130 | -41,817 | -20,684 | -23,420 |
| Maryland | -224 | 286 | 421 | -1,815 | -160 | -110 | -1,363 |
| Michigan | -44,804 | 79,961 | 14,611 | -52,328 | -74,175 | -73,438 | -92,383 |
| Minnesota | 523 | 612 | -135 | -176 | -239 | -259 | -331 |
| Mississippi | -702 | 10,058 | 4,736 | -94 | -3,571 | -944 | -7,197 |
| Missouri | 295 | -26 | -160 | 18 | -477 | 25 | 23 |
| Montana | 8,564 | 3,485 | 2,704 | -1,585 | -1,551 | -1,983 | -2,317 |
| Nebraska | 2,853 | 652 | 1,113 | -814 | -1,291 | 651 | 1,146 |
| New Mexico | 2,108 | 1,750 | 1,082 | -1,726 | -30 | -619 | 346 |
| New York | -6,368 | 13,298 | 1,217 | -7,556 | -9,733 | -9,714 | -11,871 |
| Ohio | -2,986 | 39,469 | 13,417 | -14,886 | -25,377 | -26,603 | -31,747 |
| Oklahoma | -18,492 | 17,152 | -21 | -12,579 | -28,604 | -10,965 | -11,064 |
| Oregon | 786 | 902 | 956 | -259 | -1,220 | -2,140 | -2,348 |
| Pennsylvania | -41,630 | 51,474 | 3,942 | -27,002 | -51,734 | -37,772 | -39,413 |
| Tennessee | 38 | 51 | 0 | -46 | -2 | -95 | -75 |
| Texas | -31,161 | 33,604 | -10,501 | -29,757 | -33,418 | -14,729 | -20,073 |
| Utah | 4,653 | 10,044 | 5,607 | -3,807 | -4,182 | -2,011 | -1,037 |
| Virginia | -757 | 545 | 213 | -129 | -615 | -823 | -412 |
| Washington | -1,736 | 499 | 167 | 1,266 | -1,935 | -2,957 | -1,140 |
| West Virginia | -20,831 | 42,297 | 7,466 | -9,676 | -24,067 | -22,726 | -32,032 |
| Wyoming | 6,155 | 4,788 | 2,279 | -2,733 | -3,016 | -2,016 | -1,955 |
| **AGA Regions** | | | | | | | |
| Producing | -83,973 | 112,925 | 7,274 | -83,365 | -124,874 | -58,903 | -72,668 |
| Eastern Consuming | -126,017 | 302,375 | 61,302 | -170,080 | -248,025 | -222,556 | -263,274 |
| Western Consuming | 17,469 | 58,122 | 17,915 | -30,524 | -37,667 | -27,376 | -25,547 |
| **Total** | **-192,521** | **473,421** | **86,491** | **-283,970** | **-410,566** | **-308,835** | **-361,489** |

See footnotes at end of table.

Table 13

## Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet) — Continued

| State | 2003 | | | | | |
|---|---|---|---|---|---|---|
| | June | May | April | March | February | January |
| Alabama | -742 | -990 | -797 | -456 | -420 | 1,789 |
| Arkansas | -741 | -632 | -209 | 341 | 1,409 | 1,836 |
| California | -30,296 | -27,859 | -13,402 | 12,130 | 49,464 | 33,248 |
| Colorado | -4,683 | 638 | 773 | 2,924 | 8,432 | 4,213 |
| Illinois | -32,673 | -29,399 | -8,980 | 11,028 | 50,338 | 70,407 |
| Indiana | -3,017 | -1,609 | 158 | 1,946 | 5,301 | 7,519 |
| Iowa | -5,103 | -3,694 | -80 | 4,895 | 13,459 | 21,778 |
| Kansas | -18,311 | -11,018 | -521 | -4,997 | 20,396 | 25,657 |
| Kentucky | -13,017 | -9,916 | -2,675 | 3,213 | 17,123 | 21,305 |
| Louisiana | -33,846 | -28,994 | -11,766 | 7,692 | 55,201 | 66,838 |
| Maryland | -2,816 | -2,534 | -750 | -124 | 4,003 | 4,738 |
| Michigan | -84,460 | -71,124 | -20,439 | 42,692 | 128,637 | 157,642 |
| Minnesota | -309 | 0 | 0 | 199 | 504 | 659 |
| Mississippi | -8,962 | -8,651 | -1,746 | -8,327 | 7,791 | 16,204 |
| Missouri | 27 | -1,524 | 445 | 170 | 555 | 1,218 |
| Montana | -1,720 | -1,041 | -179 | 3,666 | 4,732 | 4,353 |
| Nebraska | -1,004 | -537 | -248 | 504 | 1,512 | 1,170 |
| New Mexico | -605 | 45 | -471 | 184 | 1,728 | 424 |
| New York | -13,110 | -9,786 | -4,999 | 6,003 | 17,730 | 22,151 |
| Ohio | -31,526 | -31,723 | -9,789 | 10,463 | 43,314 | 62,002 |
| Oklahoma | -24,846 | -23,041 | -9,198 | 13,335 | 32,780 | 38,560 |
| Oregon | -3,529 | -113 | 1,174 | 2,426 | 2,367 | 2,570 |
| Pennsylvania | -61,273 | -69,939 | -15,724 | 8,917 | 77,271 | 119,623 |
| Tennessee | 0 | -35 | 0 | 68 | 110 | 62 |
| Texas | -45,027 | -34,335 | -32,473 | 5,851 | 72,434 | 77,260 |
| Utah | -4,308 | -4,476 | -7,759 | 1,240 | 8,305 | 7,036 |
| Virginia | -475 | -447 | -268 | 179 | 496 | 978 |
| Washington | -2,415 | -4,927 | -412 | -624 | 7,520 | 3,221 |
| West Virginia | -38,730 | -32,162 | -16,008 | 5,161 | 37,668 | 61,978 |
| Wyoming | -2,139 | -2,151 | -2,118 | 4,899 | 5,576 | 4,741 |
| **AGA Regions** | | | | | | |
| Producing | -133,079 | -107,616 | -57,180 | 13,624 | 191,320 | 228,568 |
| Eastern Consuming | -287,177 | -264,428 | -79,357 | 95,115 | 397,516 | 552,572 |
| Western Consuming | -49,399 | -39,930 | -21,924 | 26,859 | 86,900 | 60,042 |
| **Total** | **-469,656** | **-411,974** | **-158,461** | **135,599** | **675,736** | **841,183** |

See footnotes at end of table.

# Table 13. Net Withdrawals from Underground Storage, by State, 2002-2004

(Volumes in Million Cubic Feet) — Continued

| State | 2002 | | | | | | |
|---|---|---|---|---|---|---|---|
| | Total | December | November | October | September | August | July |
| Alabama | -154 | 141 | -397 | -128 | -64 | -97 | -250 |
| Arkansas | 397 | 877 | 167 | -17 | -393 | -390 | -340 |
| California | 17,023 | 44,101 | -3,132 | -8,108 | -4,707 | 291 | -7,074 |
| Colorado | 1,141 | 2,057 | -219 | 872 | -4,030 | -6,647 | -3,977 |
| Illinois | 19,029 | 52,510 | 19,615 | -29,718 | -38,648 | -36,473 | -28,544 |
| Indiana | 1,840 | 3,853 | -46 | -2,803 | -3,255 | -2,706 | -3,475 |
| Iowa | 4,251 | 18,612 | -3,249 | -12,503 | -12,188 | -12,098 | -11,781 |
| Kansas | 15,153 | 14,652 | 10,367 | 2,040 | -11,013 | -9,239 | -3,170 |
| Kentucky | 9,445 | 9,269 | 4,887 | -1,862 | -6,258 | -5,636 | -4,329 |
| Louisiana | 59,958 | 33,458 | 30,028 | -6,298 | -15,789 | -13,263 | -6,965 |
| Maryland | -1,058 | 364 | 55 | 124 | 33 | -2,105 | -2,619 |
| Michigan | 99,889 | 98,551 | 46,792 | -13,090 | -49,780 | -54,062 | -51,650 |
| Minnesota | -98 | 5 | -85 | -198 | -300 | -295 | -277 |
| Mississippi | 3,133 | 3,591 | -356 | 2,005 | 120 | -4,781 | -2,793 |
| Missouri | -414 | -118 | -272 | -294 | -781 | -1,096 | 18 |
| Montana | -5,933 | 3,487 | 1,926 | 70 | -4,298 | -5,201 | -6,611 |
| Nebraska | 984 | 755 | 57 | 3 | -906 | -692 | 237 |
| New Mexico | 7,815 | 1,956 | 1,366 | 740 | -446 | 791 | 352 |
| New York | 2,810 | 15,568 | 3,786 | -4,953 | -8,707 | -7,293 | -8,313 |
| Ohio | 28,333 | 46,875 | 17,435 | -6,995 | -22,458 | -27,116 | -31,089 |
| Oklahoma | 36,302 | 22,547 | 9,873 | 3,238 | -6,965 | 2,096 | -1,094 |
| Oregon | -2,852 | 1,792 | -1,318 | -699 | -1,900 | -3,051 | -3,856 |
| Pennsylvania | 56,838 | 75,594 | 9,548 | -4,259 | -32,448 | -24,723 | -29,902 |
| Tennessee | 131 | 46 | 86 | 2 | 3 | 4 | 15 |
| Texas | 73,811 | 51,271 | 31,687 | -9,816 | -19,944 | 9,058 | -116 |
| Utah | -2,118 | 7,270 | 3,374 | 377 | -3,608 | -6,336 | -6,807 |
| Virginia | -32 | 442 | 248 | -272 | -344 | -157 | -297 |
| Washington | -362 | 1,092 | -1,335 | 1,698 | -1,487 | -956 | -620 |
| West Virginia | 43,298 | 44,193 | 14,615 | 3,608 | -16,504 | -20,179 | -22,210 |
| Wyoming | -741 | 5,645 | 2,574 | 292 | -1,678 | -3,479 | -3,971 |
| **AGA Regions** | | | | | | | |
| Producing | 196,415 | 128,493 | 82,734 | -8,235 | -54,494 | -15,825 | -14,376 |
| Eastern Consuming | 265,345 | 366,511 | 113,556 | -73,011 | -192,240 | -194,332 | -193,939 |
| Western Consuming | 6,061 | 65,450 | 1,786 | -5,696 | -22,009 | -25,673 | -33,193 |
| **Total** | **467,822** | **560,454** | **198,076** | **-86,942** | **-268,743** | **-235,830** | **-241,508** |

**Notes:** This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2002 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

**Source:** Form EIA-191, "Monthly Underground Gas Storage Report."

Table 14

# Table 14. Activities of Underground Natural Gas Storage Operators, by State, July 2004

(Volumes in Million Cubic Feet)

| State | Total Storage Capacity | Natural Gas in Underground Storage at End of Period | | | Change in Working Gas from Same Period Previous Year | | Storage Activity | |
|---|---|---|---|---|---|---|---|---|
| | | Base Gas | Working Gas | Total | Volume | Percent | Injections | Withdrawals |
| Alabama | 8,520 | 2,975 | 5,094 | 8,069 | 709 | 16.2 | 571 | 704 |
| Arkansas | 22,000 | 7,835 | 4,436 | 12,271 | -683 | -13.3 | 590 | 0 |
| California | 486,095 | 231,737 | 198,958 | 430,695 | 25,422 | 14.6 | 18,584 | 8,971 |
| Colorado | 101,055 | 47,441 | 24,219 | 71,660 | 102 | 0.4 | 4,871 | 649 |
| Illinois | 959,112 | 664,474 | 168,863 | 833,337 | -5,800 | -3.3 | 35,735 | 1,089 |
| Indiana | 111,680 | 78,060 | 22,620 | 100,680 | 2,700 | 13.6 | 3,807 | 109 |
| Iowa | 273,200 | 199,286 | 27,097 | 226,383 | 476 | 1.8 | 12,605 | 7 |
| Kansas | 293,574 | 175,405 | 69,660 | 245,066 | 4,027 | 6.1 | 11,343 | 1,491 |
| Kentucky | 220,211 | 139,555 | 56,395 | 195,950 | 4,425 | 8.5 | 9,302 | 488 |
| Louisiana | 592,516 | 267,806 | 200,765 | 468,571 | 40,966 | 25.6 | 39,537 | 6,686 |
| Maryland | 62,000 | 46,677 | 12,613 | 59,291 | -73 | -0.6 | 2,409 | 52 |
| Michigan | 1,045,517 | 428,342 | 383,305 | 811,647 | 54,889 | 16.7 | 78,526 | 307 |
| Minnesota | 7,000 | 4,840 | 1,324 | 6,164 | -23 | -1.7 | 321 | 0 |
| Mississippi | 144,787 | 80,375 | 55,959 | 136,333 | 1,112 | 2.0 | 8,947 | 2,222 |
| Missouri | 32,098 | 21,600 | 9,465 | 31,065 | -106 | -1.1 | 0 | 5 |
| Montana | 374,201 | 178,506 | 15,023 | 193,529 | -5,363 | -26.3 | 4,223 | 306 |
| Nebraska | 39,469 | 22,290 | 8,793 | 31,083 | 5,882 | 202.1 | 1,556 | 51 |
| New Mexico | 89,800 | 32,111 | 1,516 | 33,627 | -6,190 | -80.3 | 1,293 | 1,542 |
| New York | 190,157 | 99,027 | 64,931 | 163,957 | 5,828 | 9.9 | 10,752 | 156 |
| Ohio | 573,709 | 345,460 | 120,174 | 465,635 | 1,517 | 1.3 | 31,057 | 335 |
| Oklahoma | 389,947 | 211,022 | 121,777 | 332,799 | 37,201 | 44.0 | 15,903 | 3,151 |
| Oregon | 23,676 | 9,714 | 10,854 | 20,568 | 748 | 7.4 | 2,223 | 0 |
| Pennsylvania | 709,946 | 337,182 | 297,940 | 635,122 | 31,236 | 11.7 | 51,088 | 2,956 |
| Tennessee | 1,200 | 340 | 454 | 794 | 89 | 24.4 | 63 | 0 |
| Texas | 675,769 | 234,726 | 275,885 | 510,610 | 51,104 | 22.7 | 33,504 | 22,810 |
| Utah | 129,480 | 64,714 | 33,611 | 98,325 | -4,556 | -11.9 | 6,526 | 35 |
| Virginia | 6,344 | 2,933 | 2,188 | 5,121 | 194 | 9.7 | 611 | 353 |
| Washington | 39,628 | 20,364 | 16,145 | 36,509 | 1,246 | 8.4 | 403 | 1,521 |
| West Virginia | 492,025 | 266,898 | 163,096 | 429,994 | 18,387 | 12.7 | 32,269 | 49 |
| Wyoming | 115,069 | 64,888 | 21,410 | 86,298 | 362 | 1.7 | 3,388 | 6 |
| **AGA Regions** | | | | | | | | |
| Producing | 2,216,912 | 1,012,254 | 735,092 | 1,747,346 | 128,246 | 21.1 | 111,687 | 38,606 |
| Eastern Consuming | 4,716,669 | 2,652,125 | 1,337,933 | 3,990,058 | 119,645 | 9.8 | 269,778 | 5,956 |
| Western Consuming | 1,276,203 | 622,205 | 321,543 | 943,748 | 17,938 | 5.9 | 40,538 | 11,487 |
| **Total** | **8,209,784** | **4,286,584** | **2,394,569** | **6,681,153** | **265,829** | **12.5** | **422,004** | **56,049** |

**Notes:** Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

**Source:** Form EIA-191, "Monthly Underground Gas Storage Report."

## Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004

(Million Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | |
|---|---|---|---|---|---|---|
| | | | | July | June | May |
| Alabama | 33,328 | 34,654 | 32,314 | 1,145 | 1,224 | 1,973 |
| Alaska | NA | 9,236 | 10,081 | NA | 538 | 919 |
| Arizona | 25,235 | 23,806 | 25,382 | 1,126 | 1,253 | 1,703 |
| Arkansas | 25,512 | 28,452 | 27,459 | 802 | 863 | 1,446 |
| California | 310,365 | 305,138 | 330,622 | 23,889 | 26,741 | 28,103 |
| Colorado | 71,370 | 73,836 | 77,509 | 2,837 | 3,512 | 4,948 |
| Connecticut | 31,548 | 32,261 | 26,123 | 1,048 | 1,448 | 2,143 |
| Delaware | 7,283 | 7,795 | 6,491 | 192 | 217 | 395 |
| District of Columbia | 9,309 | 10,077 | 8,088 | 244 | 283 | 382 |
| Florida | 11,220 | 11,221 | 10,078 | 741 | 839 | 1,078 |
| Georgia | 79,671 | 81,277 | 73,164 | 3,536 | 4,017 | 4,559 |
| Hawaii | 318 | 329 | 323 | 44 | 42 | 44 |
| Idaho | 13,626 | 12,592 | 13,832 | 460 | 711 | 1,016 |
| Illinois | 287,892 | 312,332 | 285,411 | 9,659 | 11,132 | 15,677 |
| Indiana | 96,417 | 106,038 | 100,621 | 2,711 | 3,058 | 5,481 |
| Iowa | 46,534 | 50,070 | 46,011 | 1,415 | 1,571 | 2,592 |
| Kansas | 46,496 | 49,569 | 47,817 | 1,485 | 1,699 | 2,729 |
| Kentucky | 37,661 | 41,114 | 35,147 | 1,079 | 1,142 | 1,494 |
| Louisiana | 31,737 | 33,568 | 33,520 | 1,602 | 1,662 | 2,055 |
| Maine | 777 | 800 | 645 | 28 | 31 | 47 |
| Maryland | 57,283 | 60,576 | 46,099 | 1,657 | 1,655 | 2,645 |
| Massachusetts | NA | 91,837 | 72,717 | NA | 3,746 | 5,969 |
| Michigan | 247,885 | 267,781 | 241,389 | 7,763 | 9,331 | 18,120 |
| Minnesota | 84,712 | 88,795 | 82,617 | 2,625 | 3,476 | 5,647 |
| Mississippi | 17,976 | 19,488 | 18,703 | 716 | 720 | 990 |
| Missouri | 79,105 | 83,054 | 76,910 | 2,376 | 2,882 | 4,663 |
| Montana | 12,975 | 13,044 | 14,119 | 551 | 853 | 1,078 |
| Nebraska | 29,482 | 28,918 | 29,843 | 943 | 1,112 | 1,753 |
| Nevada | 23,074 | 21,316 | 21,680 | 1,190 | 1,419 | 1,724 |
| New Hampshire | NA | 5,769 | 4,612 | NA | NA | NA |
| New Jersey | 159,278 | 170,925 | 131,208 | 5,392 | 5,980 | 8,799 |
| New Mexico | 23,465 | 22,262 | 23,731 | 865 | 990 | 1,719 |
| New York | 286,835 | 309,201 | 239,089 | 9,639 | 12,973 | 22,691 |
| North Carolina | 45,217 | 45,737 | 37,792 | 1,114 | 1,227 | 1,950 |
| North Dakota | 7,068 | 7,470 | 7,165 | 201 | 270 | 526 |
| Ohio | 219,318 | 239,294 | 208,584 | 6,657 | 6,741 | 12,479 |
| Oklahoma | 43,885 | 48,776 | 47,522 | 1,491 | 1,757 | 2,614 |
| Oregon | 25,988 | 25,518 | 27,032 | 1,006 | 1,557 | 2,077 |
| Pennsylvania | 174,792 | 187,510 | 153,047 | 5,039 | 6,564 | 9,913 |
| Rhode Island | 14,540 | 15,002 | 11,968 | 495 | 643 | 1,168 |
| South Carolina | 22,052 | 21,567 | 18,732 | 498 | 553 | 913 |
| South Dakota | 8,126 | 8,646 | 8,251 | 201 | 355 | 545 |
| Tennessee | 48,768 | 51,227 | 46,703 | 1,244 | 1,372 | 2,710 |
| Texas | 128,488 | 144,712 | 139,347 | 6,069 | 6,443 | 8,374 |
| Utah | 35,754 | 32,483 | 36,355 | 1,607 | 1,328 | 2,342 |
| Vermont | 2,225 | 2,247 | 1,884 | 68 | 98 | 177 |
| Virginia | NA | 57,036 | 43,763 | 1,422 | 1,645 | 2,036 |
| Washington | NA | 46,300 | 50,752 | NA | NA | NA |
| West Virginia | 22,309 | 22,255 | 19,557 | 485 | 482 | 1,258 |
| Wisconsin | 87,158 | 93,770 | 85,165 | 2,792 | 3,243 | 5,847 |
| Wyoming | 7,672 | 7,493 | 8,555 | 308 | 423 | 635 |
| **Total** | **3,290,116** | **3,464,174** | **3,145,523** | **125,470** | **144,705** | **213,955** |

See footnotes at end of table.

Table 15

# Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2004 | | | | 2003 | |
|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December |
| Alabama | 3,317 | 6,100 | 9,460 | 10,109 | R46,830 | 6,331 |
| Alaska | 1,410 | 2,061 | 2,049 | 3,151 | 16,852 | 2,430 |
| Arizona | 2,293 | 4,841 | 6,896 | 7,122 | 34,832 | 5,488 |
| Arkansas | 2,768 | 5,199 | 7,439 | 6,995 | 37,984 | 4,871 |
| California | 35,309 | 48,292 | 68,192 | 79,839 | 489,293 | 72,602 |
| Colorado | 8,787 | 11,393 | 19,511 | 20,382 | 123,593 | 20,732 |
| Connecticut | 4,390 | 5,819 | 8,183 | 8,517 | 45,132 | 5,788 |
| Delaware | 897 | 1,319 | 1,945 | 2,319 | 10,646 | 1,323 |
| District of Columbia | 1,003 | 1,537 | 2,376 | 3,484 | 15,302 | 2,577 |
| Florida | 1,394 | 2,008 | 2,516 | 2,644 | 16,025 | 1,637 |
| Georgia | 7,071 | 10,592 | 23,342 | 26,553 | 129,702 | 25,273 |
| Hawaii | 48 | 47 | 46 | 48 | 543 | 46 |
| Idaho | 1,465 | 2,478 | 3,497 | 3,999 | 18,984 | 3,001 |
| Illinois | 30,789 | 52,056 | 72,726 | 95,853 | 473,576 | 69,787 |
| Indiana | 8,845 | 17,254 | 25,672 | 33,395 | 157,870 | 24,249 |
| Iowa | 4,581 | 8,700 | 13,180 | 14,495 | 74,119 | 10,916 |
| Kansas | 4,426 | 8,707 | 13,892 | 13,557 | R70,540 | 11,177 |
| Kentucky | 3,569 | 6,628 | 10,337 | 13,412 | 62,356 | 10,808 |
| Louisiana | 3,015 | 6,073 | 8,500 | 8,830 | NA | 6,786 |
| Maine | 101 | 157 | 180 | 234 | R1,192 | 170 |
| Maryland | 6,294 | 10,117 | 14,915 | 20,001 | 90,936 | 14,376 |
| Massachusetts | 12,348 | 16,548 | 23,150 | 22,865 | NA | NA |
| Michigan | 32,637 | 46,894 | 63,091 | 70,049 | 385,218 | 50,448 |
| Minnesota | 8,956 | 15,758 | 20,743 | 27,507 | 137,941 | 20,782 |
| Mississippi | 1,416 | 3,539 | 5,162 | 5,434 | 26,539 | 3,628 |
| Missouri | 8,951 | 15,345 | 23,231 | 21,657 | 114,613 | 15,964 |
| Montana | 1,415 | 2,227 | 2,988 | 3,863 | 20,365 | 3,054 |
| Nebraska | 3,072 | 5,801 | 8,101 | 8,699 | 42,170 | 6,372 |
| Nevada | 2,025 | 4,037 | 5,908 | 6,772 | 32,848 | 5,374 |
| New Hampshire | NA | 1,056 | 1,490 | 1,453 | NA | NA |
| New Jersey | 20,419 | 29,339 | 42,762 | 46,586 | NA | 34,596 |
| New Mexico | 2,619 | 5,047 | 6,138 | 6,087 | 31,562 | 4,758 |
| New York | 41,372 | 55,730 | 72,806 | 71,624 | 427,258 | 51,991 |
| North Carolina | 4,915 | 8,520 | 13,492 | 14,001 | NA | 12,879 |
| North Dakota | 784 | 1,308 | 1,709 | 2,269 | 11,878 | 1,708 |
| Ohio | 26,594 | 41,804 | 58,120 | 66,922 | 344,512 | 50,079 |
| Oklahoma | 4,266 | 8,966 | 12,954 | 11,836 | R65,710 | 9,229 |
| Oregon | 2,979 | 4,601 | 6,209 | 7,559 | 37,300 | 5,653 |
| Pennsylvania | 22,879 | 33,138 | 46,965 | 50,294 | 265,430 | 37,103 |
| Rhode Island | 2,325 | 2,617 | 4,047 | 3,245 | 20,169 | 2,261 |
| South Carolina | 2,290 | 4,370 | 6,942 | 6,486 | 29,370 | 4,432 |
| South Dakota | 868 | 1,437 | 2,214 | 2,506 | 13,175 | 1,929 |
| Tennessee | 5,206 | 9,398 | 14,201 | 14,637 | R70,995 | 11,277 |
| Texas | 11,209 | 19,981 | 38,665 | 37,748 | 206,264 | 29,427 |
| Utah | 3,998 | 4,845 | 9,483 | 12,149 | 54,635 | 9,037 |
| Vermont | 331 | 432 | 581 | 539 | 3,118 | 394 |
| Virginia | NA | 9,563 | 14,864 | 19,643 | 85,949 | 14,794 |
| Washington | R5,627 | R8,374 | 10,363 | R13,305 | 71,110 | 10,942 |
| West Virginia | 2,947 | 4,438 | 6,544 | 6,154 | 32,692 | 5,038 |
| Wisconsin | 9,741 | 16,439 | 20,218 | 28,876 | 141,953 | 20,287 |
| Wyoming | 982 | 1,319 | 1,832 | 2,172 | 12,021 | 1,834 |
| **Total** | **R384,033** | **R594,249** | **859,826** | **R967,878** | **R5,094,900** | **741,673** |

See footnotes at end of table.

## Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | |
|---|---|---|---|---|---|---|
| | November | October | September | August | July | June |
| Alabama | 2,129 | 1,462 | 1,124 | 1,131 | R1,176 | 1,326 |
| Alaska | 2,322 | 1,368 | 898 | 598 | 435 | 572 |
| Arizona | 2,087 | 1,359 | 1,023 | 1,070 | 1,091 | 1,329 |
| Arkansas | 2,064 | 1,032 | 795 | 771 | 831 | 923 |
| California | 42,728 | 25,313 | 21,719 | 21,793 | 24,549 | 27,247 |
| Colorado | 16,013 | 5,782 | 4,537 | 2,693 | 2,755 | 3,812 |
| Connecticut | 3,470 | 1,852 | 689 | 1,071 | 1,169 | 1,669 |
| Delaware | 750 | 407 | 192 | 179 | 214 | 346 |
| District of Columbia | 1,308 | 858 | 183 | 299 | 295 | 351 |
| Florida | 918 | 767 | 742 | 739 | 755 | 819 |
| Georgia | 10,351 | 5,709 | 3,634 | 3,457 | 3,652 | 3,828 |
| Hawaii | 42 | 40 | 42 | 45 | 42 | 41 |
| Idaho | 1,931 | 652 | 453 | 355 | 414 | 634 |
| Illinois | 44,996 | 25,481 | 11,435 | 9,545 | 9,867 | 11,720 |
| Indiana | 13,612 | 8,035 | 3,346 | 2,589 | 2,622 | 4,030 |
| Iowa | 7,114 | 3,058 | 1,563 | 1,398 | 1,412 | 1,816 |
| Kansas | 4,706 | 2,127 | 1,618 | 1,344 | 1,456 | 1,696 |
| Kentucky | 5,256 | 2,652 | 1,479 | 1,048 | 1,161 | 1,229 |
| Louisiana | 2,079 | 1,797 | 1,614 | NA | 1,652 | 1,473 |
| Maine | 103 | R62 | 30 | 28 | 28 | 31 |
| Maryland | 7,535 | 4,721 | 1,907 | 1,822 | 1,837 | 2,346 |
| Massachusetts | 8,848 | 4,641 | 2,855 | 2,591 | 2,906 | 4,515 |
| Michigan | 31,926 | 19,944 | 8,068 | 7,051 | 7,723 | 11,282 |
| Minnesota | 15,372 | 6,985 | 3,313 | 2,695 | 2,699 | 2,815 |
| Mississippi | 1,214 | 848 | 676 | 686 | 701 | 772 |
| Missouri | 7,473 | 3,544 | 2,466 | 2,113 | 2,310 | 3,124 |
| Montana | 2,343 | 956 | 555 | 413 | 441 | 663 |
| Nebraska | 3,540 | 1,650 | 786 | 905 | 878 | 1,071 |
| Nevada | 2,816 | 1,272 | 1,075 | 994 | 1,114 | 1,221 |
| New Hampshire | 610 | 338 | 178 | 162 | 171 | 278 |
| New Jersey | 17,786 | NA | 5,180 | 5,131 | 5,624 | 7,239 |
| New Mexico | 2,002 | 974 | 813 | 753 | 834 | 1,008 |
| New York | 29,892 | 17,306 | 9,575 | 9,292 | 10,454 | 15,613 |
| North Carolina | 5,311 | NA | 1,173 | 1,021 | 1,156 | 1,479 |
| North Dakota | 1,522 | 634 | 317 | 228 | 201 | 227 |
| Ohio | 24,630 | 17,191 | 7,055 | 6,264 | 7,879 | 8,454 |
| Oklahoma | 3,433 | 1,687 | 1,318 | 1,267 | 1,449 | 1,759 |
| Oregon | 3,179 | 1,227 | 904 | 819 | 997 | 1,600 |
| Pennsylvania | 18,676 | 12,352 | 4,915 | 4,874 | 5,314 | 7,567 |
| Rhode Island | 1,354 | 665 | 420 | 468 | 495 | 812 |
| South Carolina | 1,644 | 737 | 496 | 494 | 532 | 630 |
| South Dakota | 1,464 | 590 | 320 | 226 | 245 | 348 |
| Tennessee | 4,012 | 2,123 | 1,268 | 1,090 | 1,269 | 1,482 |
| Texas | 13,697 | 7,100 | 5,782 | 5,547 | 5,881 | 6,031 |
| Utah | 6,914 | 2,988 | 1,856 | 1,355 | 1,359 | 1,540 |
| Vermont | 235 | 119 | 63 | 60 | 65 | 95 |
| Virginia | 6,901 | 4,194 | 1,514 | 1,511 | 1,585 | 1,859 |
| Washington | 7,581 | 2,903 | 1,838 | 1,546 | 1,899 | 2,919 |
| West Virginia | 2,415 | 1,843 | 690 | 450 | 484 | 609 |
| Wisconsin | 14,270 | 7,543 | 3,470 | 2,613 | 2,687 | 3,318 |
| Wyoming | 1,404 | 646 | 401 | 243 | 255 | 401 |
| **Total** | **413,978** | **R230,386** | **128,364** | **116,325** | **R127,024** | **157,968** |

See footnotes at end of table.

## Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | 2002 |
|---|---|---|---|---|---|---|
| | May | April | March | February | January | Total |
| Alabama | 1,922 | 3,274 | 6,078 | 10,287 | 10,591 | 46,290 |
| Alaska | 935 | 1,328 | 2,046 | 1,705 | 2,216 | 16,191 |
| Arizona | 2,033 | 2,929 | 4,797 | 4,780 | 6,846 | 35,226 |
| Arkansas | 1,480 | 3,043 | 6,368 | 8,064 | 7,743 | 39,130 |
| California | 35,694 | 45,495 | 50,393 | 60,276 | 61,484 | 510,995 |
| Colorado | 5,647 | 8,691 | 14,712 | 20,064 | 18,155 | 128,828 |
| Connecticut | 2,588 | 4,140 | 5,900 | 8,437 | 8,359 | 40,276 |
| Delaware | 529 | 955 | 1,548 | 1,995 | 2,206 | 9,550 |
| District of Columbia | 573 | 1,053 | 1,714 | 2,677 | 3,415 | 14,249 |
| Florida | 978 | 1,195 | 1,601 | 2,830 | 3,044 | 15,127 |
| Georgia | 4,627 | 7,185 | 11,959 | 20,435 | 29,592 | 126,667 |
| Hawaii | 48 | 47 | 49 | 50 | 51 | 539 |
| Idaho | 1,406 | 1,862 | 2,480 | 2,765 | 3,030 | 20,399 |
| Illinois | 17,454 | 35,290 | 59,595 | 82,227 | 96,180 | 459,242 |
| Indiana | 6,551 | 10,470 | 18,498 | 28,827 | 35,041 | 156,809 |
| Iowa | 3,118 | 5,598 | 10,446 | 13,715 | 13,966 | 71,545 |
| Kansas | 2,790 | [R]5,517 | [R]11,081 | [R]13,325 | [R]13,704 | 70,858 |
| Kentucky | 1,438 | 3,595 | 6,925 | 12,033 | 14,732 | 59,100 |
| Louisiana | 1,947 | 2,774 | 5,727 | 9,818 | 10,177 | 48,751 |
| Maine | 59 | 113 | 171 | 188 | 211 | 1,056 |
| Maryland | 3,877 | 6,757 | 11,516 | 16,215 | 18,027 | 80,122 |
| Massachusetts | 7,736 | 12,993 | 19,307 | 23,161 | 21,217 | 109,279 |
| Michigan | 20,815 | 34,654 | 55,692 | 67,307 | 70,308 | 368,720 |
| Minnesota | 5,536 | 10,117 | 18,072 | 23,765 | 25,792 | 135,213 |
| Mississippi | 1,048 | 1,827 | 3,845 | 5,729 | 5,566 | 26,452 |
| Missouri | 4,747 | 9,068 | 17,786 | 23,452 | 22,566 | 114,185 |
| Montana | 1,259 | 1,613 | 2,871 | 2,977 | 3,221 | 21,710 |
| Nebraska | 1,735 | 3,368 | 6,639 | 7,318 | 7,907 | 43,826 |
| Nevada | 2,114 | 2,814 | 4,059 | 4,563 | 5,431 | 31,958 |
| New Hampshire | 499 | 825 | 1,220 | 1,433 | 1,342 | 6,922 |
| New Jersey | 12,194 | 22,293 | 34,235 | 43,657 | 45,683 | 209,836 |
| New Mexico | 1,633 | 3,074 | 4,594 | 5,062 | 6,056 | 34,411 |
| New York | 26,866 | 43,837 | 64,090 | 77,224 | 71,117 | 369,614 |
| North Carolina | 2,566 | 4,835 | 8,370 | 12,984 | 14,347 | 58,904 |
| North Dakota | 462 | 825 | 1,663 | 1,970 | 2,122 | 11,725 |
| Ohio | 14,812 | 27,411 | 48,832 | 64,044 | 67,862 | 321,278 |
| Oklahoma | 2,748 | 5,715 | 11,555 | 12,936 | [R]12,614 | 67,166 |
| Oregon | 3,058 | 3,838 | 4,992 | 5,064 | 5,968 | 38,858 |
| Pennsylvania | 12,304 | 22,404 | 38,642 | 49,996 | 51,284 | 239,106 |
| Rhode Island | 1,418 | 2,137 | 3,246 | 3,703 | 3,191 | 17,545 |
| South Carolina | 1,160 | 2,231 | 4,172 | 6,450 | 6,392 | 27,621 |
| South Dakota | 585 | 1,040 | 1,870 | 2,132 | 2,427 | 12,897 |
| Tennessee | 2,233 | 4,351 | 10,378 | 15,946 | [R]15,568 | 69,355 |
| Texas | 7,989 | 10,921 | 28,225 | 40,513 | 45,153 | 209,896 |
| Utah | 2,489 | 4,414 | 6,045 | 8,463 | 8,174 | 59,398 |
| Vermont | 188 | 332 | 483 | 580 | 504 | 2,761 |
| Virginia | 2,724 | 5,998 | 9,777 | 15,913 | 19,179 | 75,476 |
| Washington | 5,102 | 7,061 | 9,371 | 9,580 | 10,368 | 73,347 |
| West Virginia | 1,189 | 2,319 | 4,451 | 6,316 | 6,886 | 30,761 |
| Wisconsin | 6,290 | 11,923 | 18,058 | 23,621 | 27,873 | 137,234 |
| Wyoming | 699 | 925 | 1,576 | 1,758 | 1,878 | 13,330 |
| **Total** | **249,896** | **[R]416,473** | **[R]677,719** | **[R]888,329** | **[R]946,765** | **4,889,732** |

[R] Revised Data.
[NA] Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

## Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | |
|---|---|---|---|---|---|---|
| | | | | July | June | May |
| Alabama | 17,114 | 17,358 | 16,378 | 1,206 | 1,213 | 1,492 |
| Alaska | NA | 11,103 | 8,955 | NA | 796 | 1,031 |
| Arizona | 19,907 | 19,817 | 20,251 | 1,870 | 1,920 | 2,178 |
| Arkansas | 20,075 | 22,306 | 21,908 | 1,308 | 1,340 | 1,651 |
| California | 146,346 | NA | 146,470 | 14,801 | 16,070 | 17,739 |
| Colorado | 36,484 | 36,940 | 40,247 | 1,888 | 2,163 | 3,029 |
| Connecticut | 23,489 | 25,080 | 25,579 | 1,350 | 1,277 | 1,825 |
| Delaware | 5,333 | NA | 4,792 | 259 | 292 | 328 |
| District of Columbia | 10,745 | 11,183 | 10,613 | 749 | 793 | 868 |
| Florida | 34,751 | 32,371 | 33,934 | 3,867 | 4,153 | 4,721 |
| Georgia | 34,763 | 32,943 | 29,689 | 2,104 | 2,199 | 2,548 |
| Hawaii | 1,060 | 1,031 | 997 | 147 | 155 | 145 |
| Idaho | 8,400 | 7,729 | 9,338 | 410 | 518 | 653 |
| Illinois | 135,351 | 133,763 | 125,068 | 7,391 | 7,602 | 9,123 |
| Indiana | 54,174 | 57,074 | 50,027 | 2,414 | 2,400 | 3,274 |
| Iowa | 30,614 | 31,871 | 29,027 | 1,351 | 1,556 | 1,779 |
| Kansas | 27,248 | 25,968 | 25,389 | 1,505 | 1,662 | 1,953 |
| Kentucky | 24,244 | 25,521 | 22,017 | 1,146 | 1,166 | 1,478 |
| Louisiana | 16,708 | 16,911 | 16,487 | 1,439 | 1,390 | 1,703 |
| Maine | 3,064 | 2,960 | 3,278 | 187 | 216 | 275 |
| Maryland | 46,078 | 43,817 | 36,735 | 3,292 | 3,690 | 4,090 |
| Massachusetts | 41,396 | 49,905 | 40,456 | 2,403 | 2,394 | 3,562 |
| Michigan | 118,982 | 128,494 | 113,887 | 5,061 | 6,254 | 8,816 |
| Minnesota | 61,783 | 65,498 | 63,809 | 2,864 | 3,085 | 4,098 |
| Mississippi | 14,260 | 15,223 | 13,816 | 1,090 | 1,052 | 1,212 |
| Missouri | 42,706 | 43,740 | 40,997 | 2,072 | 2,255 | 3,040 |
| Montana | 8,572 | 9,072 | 9,733 | 455 | 645 | 735 |
| Nebraska | 18,083 | 19,410 | 19,119 | 1,115 | 951 | R1,309 |
| Nevada | 16,051 | 14,841 | 14,323 | 1,542 | 1,583 | 1,805 |
| New Hampshire | NA | NA | 5,508 | NA | NA | NA |
| New Jersey | 110,121 | 109,658 | 88,604 | 6,858 | 8,183 | 9,511 |
| New Mexico | 17,464 | 16,446 | 18,172 | 962 | 1,122 | 1,811 |
| New York | NA | 190,640 | 214,520 | NA | 10,457 | 14,633 |
| North Carolina | NA | 28,903 | 24,864 | NA | 2,056 | 2,223 |
| North Dakota | 6,448 | 6,759 | 7,037 | 277 | 280 | 508 |
| Ohio | 114,836 | 120,811 | 104,266 | 4,844 | 4,798 | 7,218 |
| Oklahoma | 26,684 | 27,737 | 28,015 | 1,391 | 1,508 | 1,960 |
| Oregon | 17,377 | 17,346 | 18,751 | 978 | 1,361 | 1,559 |
| Pennsylvania | 100,614 | 106,403 | 83,844 | 5,165 | 5,672 | 7,035 |
| Rhode Island | 8,169 | 8,367 | 7,547 | 297 | 362 | 622 |
| South Carolina | 14,700 | 14,357 | 13,119 | 1,156 | 1,174 | 1,308 |
| South Dakota | 6,442 | 6,580 | 6,354 | 269 | 355 | 467 |
| Tennessee | 37,432 | 39,338 | 34,862 | 2,290 | 2,308 | 3,151 |
| Texas | 115,168 | 115,665 | 114,329 | 12,086 | 12,408 | 13,225 |
| Utah | NA | 18,370 | 20,951 | NA | 987 | 1,480 |
| Vermont | 1,900 | 1,937 | 1,628 | 76 | 93 | 151 |
| Virginia | NA | 40,872 | 37,240 | 2,396 | 2,663 | 2,976 |
| Washington | NA | 30,907 | 31,672 | NA | NA | NA |
| West Virginia | 16,611 | 16,018 | 15,864 | 1,092 | 1,091 | 1,373 |
| Wisconsin | 52,390 | 55,254 | 50,667 | 2,305 | 2,360 | 3,518 |
| Wyoming | 6,311 | 6,001 | 6,900 | 318 | 416 | 563 |
| **Total** | **1,956,833** | **2,064,242** | **1,928,033** | **122,730** | **132,656** | **R165,212** |

See footnotes at end of table.

Table 16

## Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2004 | | | | 2003 | |
|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December |
| Alabama | 1,950 | 2,941 | 4,123 | 4,187 | R25,523 | 2,955 |
| Alaska | 1,704 | 2,068 | 2,077 | 3,042 | 20,696 | 2,931 |
| Arizona | 2,500 | 3,220 | 4,088 | 4,130 | 31,904 | 3,794 |
| Arkansas | 2,329 | R3,727 | 4,992 | 4,726 | 31,750 | 3,245 |
| California | 18,799 | 23,956 | 27,669 | 27,313 | NA | 26,384 |
| Colorado | 4,575 | 5,852 | 9,601 | 9,377 | 62,224 | 9,937 |
| Connecticut | 3,123 | 4,170 | 5,589 | 6,155 | 37,842 | 4,705 |
| Delaware | 660 | 941 | 1,303 | 1,550 | NA | 979 |
| District of Columbia | 1,365 | 1,815 | 2,310 | 2,845 | 17,890 | 2,404 |
| Florida | 5,030 | 5,447 | 5,622 | 5,911 | 53,811 | 5,287 |
| Georgia | 3,572 | 4,994 | 9,246 | 10,099 | 54,264 | 9,542 |
| Hawaii | 155 | 152 | 147 | 158 | 1,751 | 154 |
| Idaho | 906 | 1,483 | 2,071 | 2,358 | 12,034 | 1,797 |
| Illinois | 15,182 | 25,132 | 34,177 | 36,744 | 209,317 | 29,648 |
| Indiana | 5,819 | 9,099 | 15,168 | 16,000 | 87,471 | 12,910 |
| Iowa | 3,286 | 5,598 | 8,394 | 8,651 | 48,502 | 6,824 |
| Kansas | 2,715 | 4,825 | 7,289 | 7,298 | 37,875 | 5,265 |
| Kentucky | 2,654 | 4,176 | 6,283 | 7,341 | 38,189 | 5,544 |
| Louisiana | 2,112 | 2,966 | 3,562 | 3,535 | 25,158 | 2,537 |
| Maine | 410 | 564 | 628 | 785 | NA | NA |
| Maryland | 6,150 | 8,221 | 9,969 | 10,666 | 70,836 | 9,621 |
| Massachusetts | 5,785 | 7,378 | 10,331 | 9,544 | NA | NA |
| Michigan | 15,490 | 21,449 | 30,159 | 31,753 | 185,852 | 22,600 |
| Minnesota | 6,939 | 11,414 | 14,748 | 18,634 | 101,288 | 14,547 |
| Mississippi | 1,758 | 2,478 | 3,275 | 3,394 | 22,671 | 2,661 |
| Missouri | 4,984 | 8,071 | 11,519 | 10,765 | 62,758 | 7,845 |
| Montana | 1,012 | 1,449 | 1,875 | 2,401 | 13,488 | 1,729 |
| Nebraska | R1,982 | 3,673 | 4,849 | 4,203 | 28,535 | 3,576 |
| Nevada | 1,909 | 2,534 | 3,206 | 3,472 | 24,008 | 2,961 |
| New Hampshire | NA | 1,296 | 1,653 | 1,565 | NA | NA |
| New Jersey | 14,500 | 19,260 | 25,604 | 26,206 | NA | 21,125 |
| New Mexico | 2,130 | 3,516 | 3,994 | 3,929 | 24,018 | 3,071 |
| New York | 21,756 | 26,250 | 32,886 | 33,553 | 285,759 | 26,859 |
| North Carolina | 3,492 | 5,290 | 7,257 | 7,819 | NA | 5,784 |
| North Dakota | 698 | 1,183 | 1,475 | 2,027 | 11,012 | 1,534 |
| Ohio | 14,303 | 22,143 | 28,414 | 33,116 | 176,341 | 23,314 |
| Oklahoma | 2,889 | 5,468 | 7,150 | 6,318 | 38,032 | 4,338 |
| Oregon | 2,009 | 2,957 | 3,912 | 4,600 | 26,172 | 3,516 |
| Pennsylvania | 13,374 | 18,687 | 24,304 | 26,376 | 155,402 | 19,781 |
| Rhode Island | 1,219 | 1,508 | 2,200 | 1,961 | R11,466 | R1,332 |
| South Carolina | 1,779 | 2,484 | 3,484 | 3,314 | 22,125 | 2,605 |
| South Dakota | 698 | 1,129 | 1,653 | 1,871 | 10,374 | 1,485 |
| Tennessee | 4,488 | 6,867 | 9,086 | 9,243 | R57,674 | 6,750 |
| Texas | 13,520 | 17,133 | 23,379 | 23,416 | 175,360 | 17,668 |
| Utah | 2,317 | 2,925 | 5,393 | 6,379 | 30,800 | 4,779 |
| Vermont | 267 | 355 | 491 | 466 | 2,757 | 337 |
| Virginia | NA | 7,139 | 9,489 | 11,270 | 65,736 | 9,630 |
| Washington | NA | 4,654 | 6,233 | R7,673 | 48,027 | 6,664 |
| West Virginia | 2,152 | 3,021 | 3,937 | 3,946 | 24,751 | 3,086 |
| Wisconsin | 5,495 | 9,783 | 12,411 | 16,517 | 84,066 | 10,992 |
| Wyoming | 844 | 1,098 | 1,435 | 1,638 | 9,550 | 1,366 |
| **Total** | **R241,944** | **R343,940** | **460,110** | **R490,240** | **R3,137,742** | **R386,726** |

See footnotes at end of table.

## Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | |
|---|---|---|---|---|---|---|
| | November | October | September | August | July | June |
| Alabama | 1,579 | 1,367 | 1,146 | 1,119 | [R]1,099 | 1,165 |
| Alaska | 2,316 | 1,416 | 1,577 | 1,353 | 1,276 | 1,265 |
| Arizona | 2,533 | 2,016 | 1,827 | 1,917 | 1,940 | 2,030 |
| Arkansas | 1,981 | 1,532 | 1,361 | 1,325 | 1,393 | 1,411 |
| California | 20,423 | 17,386 | 15,958 | 16,300 | 16,718 | 17,262 |
| Colorado | 7,425 | 3,343 | 2,773 | 1,807 | 1,824 | 2,438 |
| Connecticut | 3,132 | 2,109 | 1,379 | 1,437 | 1,570 | 1,706 |
| Delaware | 626 | 400 | 298 | 270 | 289 | 331 |
| District of Columbia | 1,461 | 1,164 | 693 | 985 | 836 | 800 |
| Florida | 4,297 | 3,950 | 3,957 | 3,950 | 3,906 | 4,013 |
| Georgia | 4,544 | 2,957 | 2,175 | 2,104 | 2,091 | 2,110 |
| Hawaii | 140 | 143 | 145 | 137 | 145 | 142 |
| Idaho | 1,179 | 533 | 439 | 356 | 378 | 485 |
| Illinois | 19,252 | 12,543 | 7,799 | 6,312 | 6,758 | 6,177 |
| Indiana | 7,615 | 4,964 | 3,029 | 1,878 | 2,355 | 2,602 |
| Iowa | 4,389 | 2,683 | 1,474 | 1,261 | 1,272 | 1,514 |
| Kansas | 2,762 | 1,500 | 1,174 | 1,206 | 1,242 | 1,313 |
| Kentucky | 2,931 | 1,912 | 1,201 | 1,079 | 1,079 | 1,182 |
| Louisiana | 1,594 | 1,425 | 1,378 | 1,313 | 1,471 | 1,400 |
| Maine | 279 | 335 | 209 | 191 | 158 | 231 |
| Maryland | 5,962 | 5,249 | 3,070 | 3,118 | 3,056 | 3,291 |
| Massachusetts | NA | 5,852 | 2,738 | 2,541 | 2,545 | 5,561 |
| Michigan | 14,597 | 9,539 | 5,147 | 5,475 | 5,323 | 6,149 |
| Minnesota | 9,719 | 5,723 | 3,485 | 2,315 | 3,504 | 2,560 |
| Mississippi | 1,369 | 1,304 | 1,129 | 985 | 1,133 | 1,125 |
| Missouri | 4,177 | 2,607 | 2,279 | 2,109 | 1,922 | 2,223 |
| Montana | 1,312 | 570 | 362 | 443 | 452 | 614 |
| Nebraska | 2,191 | 1,285 | 951 | 1,123 | 1,015 | 1,144 |
| Nevada | 2,160 | 1,501 | 1,322 | 1,223 | 1,345 | 1,406 |
| New Hampshire | 820 | 602 | 444 | 450 | 426 | 413 |
| New Jersey | 13,048 | NA | 7,394 | 6,672 | 7,108 | 6,507 |
| New Mexico | 1,530 | 1,080 | 971 | 920 | 968 | 1,160 |
| New York | 19,681 | 16,603 | 15,732 | 16,243 | 15,093 | 13,113 |
| North Carolina | 4,110 | NA | 1,754 | 1,570 | 1,605 | 1,728 |
| North Dakota | 1,429 | 647 | 363 | 279 | 265 | 203 |
| Ohio | 14,044 | 8,874 | 5,027 | 4,271 | 4,254 | 5,012 |
| Oklahoma | 1,952 | 1,377 | 1,325 | 1,303 | 1,283 | 1,379 |
| Oregon | 2,135 | 1,152 | 1,044 | 979 | 1,059 | 1,413 |
| Pennsylvania | 11,419 | 8,337 | 4,663 | 4,799 | 5,027 | 5,694 |
| Rhode Island | 791 | 440 | 256 | 281 | 288 | 460 |
| South Carolina | 1,543 | 1,330 | 1,154 | 1,136 | 1,140 | 1,144 |
| South Dakota | 1,165 | 533 | 329 | 282 | 264 | 325 |
| Tennessee | 3,756 | 2,997 | 2,463 | 2,369 | 2,386 | 2,601 |
| Texas | 11,835 | 9,271 | 9,433 | 11,488 | 11,542 | 10,072 |
| Utah | 3,757 | 1,702 | 1,231 | 961 | 892 | 1,017 |
| Vermont | 207 | 125 | 76 | 75 | 71 | 94 |
| Virginia | 5,720 | 4,254 | 2,572 | 2,688 | 2,611 | 2,481 |
| Washington | 4,383 | 2,379 | 1,983 | 1,711 | 1,976 | 2,612 |
| West Virginia | 1,881 | 1,572 | 1,213 | 981 | 982 | 1,009 |
| Wisconsin | 8,424 | 4,684 | 2,637 | 2,075 | 2,123 | 2,245 |
| Wyoming | 1,037 | 522 | 353 | 271 | 277 | 397 |
| **Total** | **249,148** | **177,294** | **132,893** | **127,438** | **[R]129,732** | **134,732** |

See footnotes at end of table.

Table 16

# Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | 2002 |
|---|---|---|---|---|---|---|
| | May | April | March | February | January | Total |
| Alabama | 1,494 | 1,872 | 2,951 | 4,369 | 4,407 | 24,868 |
| Alaska | 1,277 | 1,633 | 1,842 | 1,637 | 2,174 | 15,691 |
| Arizona | 2,412 | 2,795 | 3,357 | 3,309 | 3,974 | 31,665 |
| Arkansas | 1,755 | 2,584 | 4,435 | 5,602 | 5,126 | 32,928 |
| California | 20,334 | 22,011 | 24,908 | NA | NA | 238,247 |
| Colorado | 2,885 | 4,651 | 7,473 | 9,263 | 8,406 | 66,939 |
| Connecticut | 2,065 | 3,584 | 4,542 | 5,540 | 6,074 | 40,535 |
| Delaware | 428 | 712 | 1,002 | 1,416 | NA | 7,477 |
| District of Columbia | 1,027 | 1,499 | 2,017 | 2,456 | 2,548 | 18,332 |
| Florida | 4,240 | 4,483 | 4,838 | 5,544 | 5,346 | 55,803 |
| Georgia | 2,319 | 3,565 | 4,844 | 7,781 | 10,233 | 48,631 |
| Hawaii | 143 | 144 | 146 | 150 | 161 | 1,720 |
| Idaho | 840 | 1,104 | 1,472 | 1,638 | 1,812 | 13,592 |
| Illinois | 9,062 | 15,406 | 25,950 | 33,122 | 37,288 | 204,550 |
| Indiana | 3,944 | 5,532 | 10,116 | 15,360 | 17,163 | 82,427 |
| Iowa | 2,025 | 3,759 | 6,560 | 8,388 | 8,354 | 46,406 |
| Kansas | 1,642 | 2,908 | 5,603 | 6,593 | 6,667 | 38,752 |
| Kentucky | 1,521 | 2,419 | 4,631 | 6,889 | 7,800 | 36,024 |
| Louisiana | 1,612 | 2,194 | 2,869 | 3,701 | 3,664 | 25,317 |
| Maine | 216 | 436 | 590 | 611 | 719 | 5,167 |
| Maryland | 3,925 | 5,813 | 7,305 | 9,552 | 10,875 | 63,999 |
| Massachusetts | 4,180 | 7,363 | 8,086 | 10,885 | 11,287 | 64,763 |
| Michigan | 10,197 | 17,589 | 26,556 | 30,625 | 32,054 | 175,055 |
| Minnesota | 5,351 | 7,964 | 12,308 | 16,286 | 17,526 | 104,387 |
| Mississippi | 1,204 | 1,511 | 2,834 | 3,785 | 3,631 | 21,148 |
| Missouri | 3,060 | 4,873 | 9,094 | 11,580 | 10,987 | 61,897 |
| Montana | 930 | 1,219 | 1,943 | 1,978 | 1,936 | 14,704 |
| Nebraska | 1,601 | 2,501 | 4,106 | 4,728 | 4,316 | 28,185 |
| Nevada | 1,868 | 2,144 | 2,525 | 2,588 | 2,965 | 22,685 |
| New Hampshire | 601 | 949 | 1,367 | NA | NA | 8,768 |
| New Jersey | 9,756 | 14,743 | 20,728 | 25,304 | 25,512 | 146,176 |
| New Mexico | 1,643 | 2,379 | 3,098 | 3,347 | 3,852 | 26,057 |
| New York | 17,592 | 23,875 | 36,627 | 42,888 | 41,454 | 362,247 |
| North Carolina | 2,333 | 3,338 | 4,888 | 7,268 | 7,743 | 40,198 |
| North Dakota | 377 | 598 | 1,537 | 1,832 | 1,947 | 11,675 |
| Ohio | 7,433 | 14,452 | 24,080 | 30,494 | 35,088 | 162,764 |
| Oklahoma | 2,015 | 3,441 | 6,073 | 6,902 | 6,644 | 40,225 |
| Oregon | 2,093 | 2,550 | 3,191 | 3,295 | 3,745 | 27,714 |
| Pennsylvania | 7,812 | 13,386 | 20,564 | 25,511 | 28,410 | 136,202 |
| Rhode Island | 757 | 1,190 | 1,744 | 1,970 | 1,957 | 11,468 |
| South Carolina | 1,409 | 1,747 | 2,326 | 3,193 | 3,397 | 21,029 |
| South Dakota | 454 | 790 | 1,383 | 1,651 | 1,713 | 10,258 |
| Tennessee | 3,091 | 3,920 | 7,275 | 10,336 | R9,730 | 53,707 |
| Texas | 12,189 | 13,116 | 19,423 | 23,501 | 25,823 | 186,430 |
| Utah | 1,580 | 2,564 | 3,344 | 4,525 | 4,449 | 33,501 |
| Vermont | 157 | 302 | 397 | 486 | 429 | 2,470 |
| Virginia | 3,310 | 4,593 | 7,327 | 9,214 | 11,336 | 62,699 |
| Washington | 3,641 | 4,670 | 5,634 | 5,884 | 6,489 | 46,455 |
| West Virginia | 1,261 | 1,720 | 2,802 | 4,250 | 3,995 | 24,723 |
| Wisconsin | 3,591 | 6,523 | 11,020 | 14,154 | 15,599 | 85,811 |
| Wyoming | 594 | 896 | 1,191 | 1,300 | 1,346 | 10,804 |
| **Total** | **177,245** | **256,010** | **380,919** | **475,989** | **R509,615** | **3,103,277** |

R Revised Data.
NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total but not in the monthly components. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

## Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | |
|---|---|---|---|---|---|---|
| | | | | July | June | May |
| Alabama | 88,113 | 87,578 | 92,754 | 11,586 | 11,778 | 11,999 |
| Alaska | 42,336 | 39,125 | 39,844 | 6,337 | 6,940 | 5,348 |
| Arizona | 9,166 | 10,805 | 9,727 | 1,135 | 1,235 | 1,184 |
| Arkansas | 69,429 | 66,254 | 68,502 | 6,841 | 7,041 | 9,798 |
| California | 461,417 | 391,233 | 411,802 | 64,518 | 65,101 | 63,332 |
| Colorado | 63,974 | 69,679 | 80,637 | 8,250 | 7,792 | 8,543 |
| Connecticut | 15,005 | 15,946 | 17,509 | 1,685 | 1,703 | 1,804 |
| Delaware | 10,254 | 9,271 | 8,004 | 1,124 | 1,051 | 1,413 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 42,803 | NA | 58,039 | 5,479 | 5,284 | 6,215 |
| Georgia | NA | 96,502 | 83,478 | 13,184 | 12,948 | 13,590 |
| Hawaii | 259 | 262 | 290 | 38 | 38 | 33 |
| Idaho [a] | 14,095 | 14,960 | 16,822 | 1,722 | 1,882 | 1,691 |
| Illinois | 158,451 | 161,959 | 173,196 | 17,637 | 17,365 | 18,834 |
| Indiana | 156,138 | 144,624 | 147,539 | 18,479 | 18,428 | 19,220 |
| Iowa | 53,562 | 54,193 | 52,881 | 6,038 | 6,624 | 6,829 |
| Kansas | 54,432 | 59,835 | 55,477 | 7,808 | 7,496 | 7,693 |
| Kentucky | 66,785 | 59,197 | 58,739 | 8,026 | 8,332 | 8,869 |
| Louisiana | 441,839 | 413,031 | 448,141 | 64,120 | 59,793 | 61,728 |
| Maine | 1,619 | 1,981 | 1,699 | 180 | 160 | 192 |
| Maryland | 10,747 | 12,879 | 15,654 | 1,328 | 1,515 | R1,208 |
| Massachusetts | NA | 37,440 | 50,116 | NA | NA | 4,381 |
| Michigan | 132,419 | 138,815 | 144,973 | 13,414 | 14,085 | 15,894 |
| Minnesota | 56,579 | 54,459 | 54,138 | 7,075 | 7,674 | 6,629 |
| Mississippi | 58,174 | 57,900 | 57,609 | 8,135 | 8,610 | 8,338 |
| Missouri | 37,961 | 37,814 | 39,716 | 4,152 | 4,575 | 4,509 |
| Montana | 11,495 | 11,637 | 13,080 | 1,123 | 1,199 | 1,436 |
| Nebraska | 22,270 | 20,695 | 22,160 | 4,418 | 3,201 | 2,578 |
| Nevada | 6,542 | 6,253 | 6,176 | 864 | 857 | 924 |
| New Hampshire | NA | NA | 5,624 | NA | NA | NA |
| New Jersey | 45,913 | 46,503 | 47,435 | 5,488 | 5,763 | 5,803 |
| New Mexico | 12,595 | 12,594 | 14,750 | 1,804 | 1,755 | 1,673 |
| New York | NA | 63,403 | 55,430 | NA | 6,244 | 6,921 |
| North Carolina | 52,572 | 50,861 | 56,640 | 5,935 | 6,471 | 7,351 |
| North Dakota | 8,285 | 7,371 | 12,145 | 690 | 683 | 1,011 |
| Ohio | 173,776 | 174,253 | 177,911 | 19,088 | 18,261 | 21,722 |
| Oklahoma | 73,436 | 70,464 | 71,357 | 9,150 | 9,385 | 9,670 |
| Oregon | 41,975 | 38,099 | 42,105 | 5,509 | 5,618 | 5,935 |
| Pennsylvania | 115,109 | 111,688 | 119,780 | 13,864 | 14,622 | 15,432 |
| Rhode Island | NA | 2,764 | 1,965 | 278 | 377 | 274 |
| South Carolina | 42,516 | 42,681 | 59,119 | 5,622 | 5,587 | 5,859 |
| South Dakota | 6,242 | 6,852 | 2,018 | 768 | 781 | 770 |
| Tennessee | 60,903 | 70,156 | 71,659 | 7,818 | 7,938 | 8,136 |
| Texas | 1,037,699 | 1,049,827 | 1,256,893 | 158,928 | 152,461 | 143,622 |
| Utah | NA | 14,597 | 15,409 | NA | 1,892 | 2,021 |
| Vermont | 1,582 | 1,318 | 1,846 | 186 | 213 | 191 |
| Virginia | 41,323 | 40,481 | 42,502 | 5,113 | 7,039 | 5,559 |
| Washington | NA | 37,634 | 40,530 | NA | NA | NA |
| West Virginia | 25,127 | NA | 26,254 | 2,998 | 2,997 | R2,475 |
| Wisconsin | 81,712 | 84,072 | 82,615 | 8,421 | 7,944 | 10,177 |
| Wyoming | 24,661 | 25,953 | 23,937 | 3,438 | 3,388 | 3,263 |
| **Total** | **4,184,332** | **4,097,936** | **4,456,626** | **555,010** | **549,849** | **557,681** |

See footnotes at end of table.

Table 17

# Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2004 | | | | 2003 | |
|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December |
| Alabama | 12,579 | 12,799 | 13,359 | 14,013 | 148,445 | 13,150 |
| Alaska | 7,060 | 6,608 | 5,641 | 4,402 | NA | NA |
| Arizona | 1,231 | 1,330 | 1,505 | 1,545 | 17,584 | 1,633 |
| Arkansas | 10,408 | 11,336 | 11,834 | 12,171 | 111,212 | 10,476 |
| California | 69,038 | 64,670 | 68,783 | 65,975 | 701,300 | 60,001 |
| Colorado | 9,422 | 8,534 | 10,197 | 11,236 | 114,268 | 11,018 |
| Connecticut | 2,096 | 2,462 | 2,567 | 2,688 | 27,200 | 2,728 |
| Delaware | 1,285 | 1,602 | 1,657 | 2,122 | 16,773 | 2,030 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 6,312 | 6,635 | 6,116 | 6,762 | NA | 5,953 |
| Georgia | NA | 14,250 | 14,972 | 14,880 | R167,565 | R14,611 |
| Hawaii | 38 | 39 | 36 | 37 | 444 | 39 |
| Idaho [a] | 2,003 | 2,114 | 2,252 | 2,432 | 24,702 | 2,114 |
| Illinois | 21,479 | 26,062 | 27,539 | 29,535 | 269,557 | 25,990 |
| Indiana | 21,737 | 24,334 | 25,611 | 28,329 | 248,963 | 24,628 |
| Iowa | 7,477 | 8,392 | 9,168 | 9,034 | 92,218 | 8,537 |
| Kansas | 7,411 | 7,828 | 7,427 | 8,768 | 103,998 | 8,636 |
| Kentucky | 8,986 | 10,492 | 10,611 | 11,470 | 102,061 | 10,649 |
| Louisiana | 59,289 | 64,924 | 64,793 | 67,192 | 712,237 | 64,894 |
| Maine | 217 | 259 | 287 | 324 | R3,305 | 287 |
| Maryland | R1,356 | 1,658 | 1,566 | 2,115 | 21,621 | 2,460 |
| Massachusetts | 6,837 | 5,660 | 7,035 | 6,633 | NA | NA |
| Michigan | 18,245 | 23,355 | 23,412 | 24,015 | 217,832 | 19,261 |
| Minnesota | 7,815 | 8,654 | 8,968 | 9,763 | 94,353 | 9,465 |
| Mississippi | 8,326 | 8,820 | 7,975 | 7,971 | 97,059 | 9,215 |
| Missouri | 4,961 | 5,878 | 6,681 | 7,205 | 64,022 | 6,279 |
| Montana | 1,448 | 1,795 | 2,020 | 2,474 | R20,188 | 2,294 |
| Nebraska | 2,964 | 2,428 | 3,268 | 3,413 | 38,476 | 3,035 |
| Nevada | 930 | 930 | 1,004 | 1,034 | 10,526 | 942 |
| New Hampshire | NA | 649 | 919 | 711 | NA | NA |
| New Jersey | 6,850 | 7,331 | 7,383 | 7,295 | NA | 7,110 |
| New Mexico | 1,700 | 1,778 | 1,938 | 1,948 | 21,114 | 1,849 |
| New York | 8,895 | 10,029 | 11,454 | 11,027 | 102,857 | 9,694 |
| North Carolina | 7,618 | 8,508 | 8,381 | 8,308 | NA | 8,552 |
| North Dakota | 1,473 | 1,496 | 1,320 | 1,612 | NA | NA |
| Ohio | 24,157 | 27,288 | 28,729 | 34,531 | 292,878 | 29,493 |
| Oklahoma | 9,518 | 9,893 | 11,636 | 14,183 | 125,077 | 12,618 |
| Oregon | 5,847 | 6,235 | 6,291 | 6,540 | 67,779 | 6,410 |
| Pennsylvania | 15,494 | 18,011 | 17,972 | 19,715 | 189,014 | 18,263 |
| Rhode Island | NA | 492 | 551 | 545 | R4,373 | R354 |
| South Carolina | 5,990 | 6,615 | 6,392 | 6,450 | 73,049 | 6,405 |
| South Dakota | 863 | 987 | 1,049 | 1,023 | 11,183 | 988 |
| Tennessee | 8,478 | 8,972 | 9,681 | 9,880 | 112,334 | 9,516 |
| Texas | 134,851 | 145,828 | 145,129 | 156,879 | 1,832,243 | 152,926 |
| Utah | 2,069 | 2,213 | 2,405 | 2,557 | 25,208 | 2,317 |
| Vermont | 235 | 291 | 314 | 152 | 2,488 | 295 |
| Virginia | 5,656 | 6,194 | 5,663 | 6,098 | 66,805 | 6,526 |
| Washington | R5,004 | 5,620 | 5,869 | R6,302 | 65,895 | 6,105 |
| West Virginia | 3,853 | 4,006 | 4,387 | 4,410 | NA | NA |
| Wisconsin | 10,925 | 13,243 | 14,385 | 16,617 | 140,714 | 14,391 |
| Wyoming | 3,482 | 3,587 | 3,837 | 3,665 | 43,718 | 4,027 |
| **Total** | **R578,725** | **623,113** | **641,971** | **R677,984** | **R7,032,592** | **R632,291** |

See footnotes at end of table.

# Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | |
|---|---|---|---|---|---|---|
| | November | October | September | August | July | June |
| Alabama | 12,157 | 12,255 | 11,405 | 11,900 | 11,622 | 11,127 |
| Alaska | 4,158 | NA | 5,908 | 6,280 | 6,200 | 6,290 |
| Arizona | 1,409 | 1,262 | 1,195 | 1,281 | 1,354 | 1,427 |
| Arkansas | 9,537 | 9,735 | 7,930 | 7,281 | 7,104 | 8,673 |
| California | 61,403 | 62,857 | 64,558 | 61,248 | 57,287 | 57,167 |
| Colorado | 9,982 | 7,359 | 7,281 | 8,948 | 9,540 | 7,520 |
| Connecticut | 2,162 | 2,409 | 1,774 | 2,181 | 1,943 | 1,750 |
| Delaware | 1,849 | 1,325 | 1,218 | 1,080 | 914 | 944 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 6,340 | NA | NA | 6,640 | 5,666 | 5,206 |
| Georgia | R13,839 | R14,862 | R13,709 | R14,043 | R13,249 | R12,179 |
| Hawaii | 34 | 36 | 36 | 37 | 38 | 36 |
| Idaho [a] | 2,110 | 2,063 | 1,910 | 1,545 | 1,633 | 2,006 |
| Illinois | 24,010 | 20,818 | 18,685 | 18,094 | 17,249 | 17,862 |
| Indiana | 22,744 | 20,668 | 18,409 | 17,890 | 16,843 | 16,727 |
| Iowa | 8,447 | 7,564 | 7,181 | 6,295 | 6,578 | 6,568 |
| Kansas | 7,764 | 8,957 | 10,092 | 8,714 | 9,852 | 7,234 |
| Kentucky | 8,686 | 8,709 | 7,568 | 7,251 | 6,794 | 6,757 |
| Louisiana | 59,964 | 57,926 | 57,563 | 58,858 | 56,353 | 49,341 |
| Maine | 323 | R273 | 219 | 221 | 283 | 206 |
| Maryland | 2,067 | 1,349 | 1,466 | 1,400 | 1,376 | 1,342 |
| Massachusetts | 4,577 | 7,098 | NA | NA | 5,234 | 3,361 |
| Michigan | 17,154 | 14,564 | 13,379 | 14,660 | 13,737 | 13,770 |
| Minnesota | 9,228 | 8,180 | 6,253 | 6,768 | 6,588 | 6,482 |
| Mississippi | 7,843 | 7,694 | 7,313 | 7,094 | 7,185 | 7,855 |
| Missouri | 5,471 | 4,869 | 4,518 | 5,072 | 3,540 | 4,110 |
| Montana | 2,238 | 1,700 | 1,234 | 1,086 | 1,122 | 1,413 |
| Nebraska | 2,876 | 3,676 | 4,009 | 4,186 | 4,381 | 1,856 |
| Nevada | 953 | 834 | 764 | 781 | 775 | 822 |
| New Hampshire | 511 | 495 | 402 | 450 | 417 | 459 |
| New Jersey | 6,706 | NA | 5,536 | 5,684 | 5,989 | 5,609 |
| New Mexico | 1,764 | 1,494 | 1,998 | 1,414 | 1,658 | 1,705 |
| New York | 8,917 | 7,916 | 6,547 | 6,380 | 6,085 | 6,232 |
| North Carolina | 7,308 | NA | 6,864 | 6,792 | 5,959 | 5,641 |
| North Dakota | 1,031 | 995 | 1,045 | 572 | 812 | 1,181 |
| Ohio | 24,750 | 24,219 | 19,929 | 20,235 | 19,064 | 18,845 |
| Oklahoma | 11,203 | 10,859 | 9,692 | 10,242 | 9,758 | 8,478 |
| Oregon | 6,152 | 6,026 | 5,655 | 5,437 | 5,242 | 4,952 |
| Pennsylvania | 15,117 | 15,820 | 13,846 | 14,279 | 13,537 | 12,591 |
| Rhode Island | 445 | 249 | 284 | 278 | 239 | 462 |
| South Carolina | 6,130 | 6,028 | 5,972 | 5,834 | 5,475 | 5,082 |
| South Dakota | 995 | 836 | 768 | 744 | 803 | 806 |
| Tennessee | 8,276 | 8,427 | 8,009 | 7,950 | 7,752 | 9,360 |
| Texas | 144,664 | 155,079 | 154,534 | 175,214 | 183,816 | 132,010 |
| Utah | 2,271 | 2,117 | 1,950 | 1,955 | 1,912 | 1,902 |
| Vermont | 261 | 255 | 183 | 175 | 156 | 177 |
| Virginia | 5,386 | 5,333 | 5,082 | 3,996 | 4,981 | 6,074 |
| Washington | 5,905 | 6,072 | 5,211 | 4,968 | 4,552 | 4,828 |
| West Virginia | 3,627 | 3,692 | 3,473 | 3,580 | 3,274 | 3,258 |
| Wisconsin | 12,856 | 11,138 | 9,332 | 8,925 | 8,422 | 8,829 |
| Wyoming | 2,954 | 3,838 | 3,553 | 3,393 | 3,284 | 3,575 |
| **Total** | **R586,553** | **R589,927** | **R554,534** | **R571,352** | **R567,626** | **R502,089** |

See footnotes at end of table.

Table 17

# Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | 2002 |
|---|---|---|---|---|---|---|
| | May | April | March | February | January | Total |
| Alabama | 12,083 | 12,070 | 12,538 | 13,667 | 14,471 | 157,286 |
| Alaska | 6,259 | 6,370 | 5,292 | 4,386 | 4,328 | 65,693 |
| Arizona | 1,448 | 1,521 | 1,662 | 1,640 | 1,752 | 17,155 |
| Arkansas | 9,118 | 9,723 | 9,574 | 10,428 | 11,635 | 118,432 |
| California | 55,564 | 54,024 | 58,596 | 54,859 | 53,736 | 740,256 |
| Colorado | 10,478 | 7,620 | 10,218 | 12,128 | 12,174 | 134,967 |
| Connecticut | 2,017 | 2,472 | 2,487 | 2,428 | 2,849 | 29,051 |
| Delaware | 818 | 922 | 1,381 | 1,880 | 2,412 | 17,634 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 5,812 | 5,621 | 5,604 | NA | NA | 97,789 |
| Georgia | R13,785 | R13,959 | R13,445 | R14,466 | R15,418 | 143,152 |
| Hawaii | 35 | 38 | 40 | 36 | 40 | 475 |
| Idaho [a] | 2,009 | 2,210 | 2,404 | 2,204 | 2,493 | 28,258 |
| Illinois | 19,017 | 21,867 | 26,158 | 28,732 | 31,073 | 290,479 |
| Indiana | 18,297 | 19,426 | 22,009 | 24,393 | 26,929 | 259,059 |
| Iowa | 7,018 | 7,203 | 8,105 | 9,960 | 8,762 | 92,223 |
| Kansas | 8,045 | 7,158 | 8,379 | 9,065 | 10,102 | 108,038 |
| Kentucky | 7,539 | 7,829 | 8,904 | 9,852 | 11,523 | 101,348 |
| Louisiana | 59,994 | 60,690 | 61,002 | 58,131 | 67,520 | 796,149 |
| Maine | 209 | 233 | 281 | 336 | 432 | 3,668 |
| Maryland | 1,565 | 2,385 | 2,007 | 2,119 | 2,086 | 27,183 |
| Massachusetts | 6,076 | 4,617 | 6,249 | 5,001 | 6,901 | 85,951 |
| Michigan | 15,796 | 19,515 | 22,993 | 26,385 | 26,619 | 236,133 |
| Minnesota | 6,781 | 7,317 | 8,197 | 9,594 | 9,500 | 95,671 |
| Mississippi | 7,412 | 7,781 | 7,864 | 8,995 | 10,807 | 100,954 |
| Missouri | 4,457 | 5,015 | 6,210 | 7,050 | 7,431 | 66,593 |
| Montana | 1,310 | 1,842 | 1,858 | 1,989 | R2,104 | 21,867 |
| Nebraska | 2,669 | 2,585 | 2,577 | 3,188 | 3,439 | 40,428 |
| Nevada | 846 | 1,005 | 1,000 | 766 | 1,039 | 11,022 |
| New Hampshire | 653 | 697 | 747 | NA | NA | 8,054 |
| New Jersey | 6,294 | 6,495 | 7,135 | 7,313 | 7,668 | 80,483 |
| New Mexico | 1,809 | 1,872 | 1,850 | 1,858 | 1,842 | 24,962 |
| New York | 7,291 | 9,480 | 10,364 | 11,831 | 12,120 | 92,249 |
| North Carolina | 6,709 | 7,257 | 7,372 | 9,045 | 8,879 | 98,306 |
| North Dakota | 1,197 | 1,071 | 944 | 778 | 1,388 | 19,101 |
| Ohio | 21,967 | 23,504 | 27,569 | 30,336 | 32,967 | 307,748 |
| Oklahoma | 9,369 | 9,905 | 10,283 | 10,411 | 12,260 | 126,193 |
| Oregon | 5,403 | 5,429 | 5,597 | 5,522 | 5,953 | 70,510 |
| Pennsylvania | 13,718 | 15,473 | 17,251 | 18,922 | 20,196 | 205,127 |
| Rhode Island | 309 | 396 | 438 | 448 | 473 | 4,455 |
| South Carolina | 6,016 | 6,453 | 5,625 | 6,769 | 7,261 | 99,042 |
| South Dakota | 851 | 1,001 | 1,068 | 1,200 | 1,123 | 3,946 |
| Tennessee | 9,629 | 10,192 | 10,306 | 11,498 | 11,420 | 118,219 |
| Texas | 140,379 | 141,688 | 146,571 | 148,348 | 157,015 | 2,014,722 |
| Utah | 1,934 | 2,022 | 2,187 | 2,240 | 2,400 | 26,879 |
| Vermont | 191 | 270 | 180 | 124 | 220 | 3,085 |
| Virginia | 6,950 | 4,274 | 6,081 | 6,128 | 5,992 | 73,973 |
| Washington | 5,071 | 5,667 | 5,847 | 5,588 | 6,081 | 67,717 |
| West Virginia | 3,384 | 3,431 | NA | 3,945 | 4,156 | 45,492 |
| Wisconsin | 9,937 | 11,722 | 13,072 | 15,424 | 16,665 | 137,706 |
| Wyoming | 3,645 | 3,751 | 4,033 | 3,617 | 4,048 | 41,725 |
| **Total** | **R549,164** | **R565,069** | **R604,411** | **R632,952** | **R676,623** | **7,556,607** |

[a] Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

R Revised Data.

NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

## Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004

(Million Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | |
|---|---|---|---|---|---|---|
| | | | | July | June | May |
| Alabama | NA | 49,963 | 66,569 | NA | 11,846 | 10,417 |
| Alaska | NA | 20,339 | 18,037 | NA | 3,124 | 3,130 |
| Arizona | NA | 73,395 | 72,507 | NA | 18,302 | 16,689 |
| Arkansas | NA | 18,701 | 24,293 | NA | 2,481 | 1,571 |
| California | NA | 353,615 | 403,984 | NA | 53,028 | 54,357 |
| Colorado | NA | 40,556 | 45,493 | NA | 6,122 | 6,808 |
| Connecticut | NA | 22,386 | 36,396 | NA | 5,857 | 5,858 |
| Delaware | NA | 6,075 | 11,472 | NA | 1,084 | 1,677 |
| District of Columbia | NA | 0 | 0 | NA | 0 | 0 |
| Florida | NA | 291,089 | 290,471 | NA | 56,015 | 48,986 |
| Georgia | NA | 20,756 | 30,385 | NA | 8,032 | 8,449 |
| Hawaii | NA | 0 | 0 | NA | 0 | 0 |
| Idaho | NA | 1,414 | 1,943 | NA | 191 | 201 |
| Illinois | NA | 19,700 | 54,806 | NA | 2,809 | 3,204 |
| Indiana | NA | 14,065 | 21,373 | NA | 1,425 | 2,825 |
| Iowa | NA | 2,224 | 3,288 | NA | 596 | 434 |
| Kansas | NA | 8,544 | 13,223 | NA | 1,225 | 1,017 |
| Kentucky | NA | 2,068 | 9,647 | NA | 552 | 476 |
| Louisiana | NA | 126,164 | 194,966 | NA | 20,499 | 17,412 |
| Maine | NA | 35,753 | 52,095 | NA | 6,202 | 5,962 |
| Maryland | NA | 9,707 | 9,944 | NA | 1,122 | 1,280 |
| Massachusetts | NA | 89,244 | 68,301 | NA | 14,929 | 12,717 |
| Michigan | NA | 58,537 | 87,874 | NA | 10,690 | 11,152 |
| Minnesota | NA | 8,299 | 8,286 | NA | 956 | 1,333 |
| Mississippi | NA | 63,576 | 105,982 | NA | 9,059 | 9,421 |
| Missouri | NA | 13,311 | 19,905 | NA | 2,391 | 3,127 |
| Montana | NA | 125 | 80 | NA | 8 | 9 |
| Nebraska | NA | 2,726 | 2,823 | NA | 581 | 600 |
| Nevada | NA | 59,155 | 59,327 | NA | 11,733 | 8,318 |
| New Hampshire | NA | 1 | 268 | NA | 0 | 0 |
| New Jersey | NA | 64,735 | 89,324 | NA | 13,067 | 14,686 |
| New Mexico | NA | 21,731 | 22,400 | NA | 3,693 | 3,501 |
| New York | NA | 142,198 | 204,091 | NA | 22,227 | 20,443 |
| North Carolina | NA | 16,917 | 17,931 | NA | 4,442 | 6,605 |
| North Dakota | NA | 0 | 1 | NA | 0 | 0 |
| Ohio | NA | 6,010 | 12,340 | NA | 1,726 | 2,280 |
| Oklahoma | NA | 106,762 | 116,537 | NA | 19,405 | 20,428 |
| Oregon | NA | 34,050 | 28,892 | NA | 4,197 | 4,753 |
| Pennsylvania | NA | 20,320 | 26,345 | NA | 6,232 | 9,711 |
| Rhode Island | NA | 21,891 | 30,321 | NA | 3,882 | 3,804 |
| South Carolina | NA | 10,562 | 25,535 | NA | 2,622 | 3,719 |
| South Dakota | NA | 855 | 998 | NA | 148 | 43 |
| Tennessee | NA | 2,272 | 1,512 | NA | 72 | 157 |
| Texas | NA | 855,286 | 881,222 | NA | 135,818 | 116,313 |
| Utah | NA | 9,522 | 6,580 | NA | 1,270 | 1,064 |
| Vermont | NA | 12 | 20 | NA | 22 | 2 |
| Virginia | NA | 16,905 | 19,264 | NA | 5,349 | 5,805 |
| Washington | NA | 26,104 | 18,877 | NA | 2,101 | 3,624 |
| West Virginia | NA | 841 | 1,099 | NA | 195 | 232 |
| Wisconsin | NA | 12,184 | 12,721 | NA | 1,897 | 1,592 |
| Wyoming | NA | 1,731 | 1,765 | NA | 238 | 269 |
| **Total** | **E2,946,324** | **2,782,377** | **3,231,514** | **E588,706** | **479,463** | **456,456** |

See footnotes at end of table.

Table 18

## Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2004 | | | | 2003 | |
|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December |
| Alabama | 8,874 | 8,941 | 8,523 | 9,258 | 87,809 | 6,465 |
| Alaska | 2,857 | 2,958 | 3,015 | 3,533 | 35,809 | 3,384 |
| Arizona | 10,496 | 11,236 | 13,497 | 9,697 | 133,845 | 5,506 |
| Arkansas | 1,514 | 2,328 | 2,283 | 1,698 | 30,176 | 1,401 |
| California | 51,455 | 55,070 | 48,818 | 45,680 | 658,015 | 49,343 |
| Colorado | 6,090 | 5,586 | 5,845 | 6,579 | 72,815 | 6,106 |
| Connecticut | 4,106 | 3,834 | 3,888 | 2,720 | 43,095 | 3,666 |
| Delaware | 582 | 800 | 754 | 929 | 11,209 | 662 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 39,877 | 36,021 | 35,237 | 35,650 | 522,958 | 37,405 |
| Georgia | 6,179 | 3,877 | 2,625 | 1,929 | 37,806 | 880 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 144 | 136 | 145 | 153 | 2,272 | 119 |
| Illinois | 1,105 | 2,180 | 1,911 | 2,443 | 35,960 | 1,511 |
| Indiana | 1,760 | 1,779 | 3,495 | 2,938 | 28,169 | 2,641 |
| Iowa | 300 | 282 | 257 | 439 | 4,493 | 225 |
| Kansas | 825 | 659 | 604 | 582 | 15,711 | 778 |
| Kentucky | 554 | 333 | 277 | 406 | 3,680 | 283 |
| Louisiana | 13,537 | 16,378 | 15,050 | 13,097 | 221,309 | 15,858 |
| Maine | 5,945 | 5,890 | 6,205 | 4,948 | 67,262 | 5,660 |
| Maryland | 555 | 374 | 370 | 549 | 21,194 | 491 |
| Massachusetts | 17,367 | 13,629 | 10,498 | 11,783 | 171,267 | 13,040 |
| Michigan | 9,470 | 9,575 | 10,024 | 10,684 | 101,389 | 7,434 |
| Minnesota | 1,149 | 1,134 | 1,452 | 2,150 | 19,890 | 1,433 |
| Mississippi | 6,245 | 5,799 | 7,227 | 4,675 | 99,495 | 6,547 |
| Missouri | 1,467 | 811 | 1,573 | 1,533 | 20,845 | 633 |
| Montana | 5 | 4 | 5 | 6 | 259 | 34 |
| Nebraska | 194 | 174 | 167 | 200 | 4,930 | 99 |
| Nevada | 6,507 | 6,935 | 9,030 | 7,890 | 112,285 | 9,201 |
| New Hampshire | 0 | 0 | 0 | 0 | 1 | 0 |
| New Jersey | 10,069 | 8,206 | 8,343 | 7,946 | 122,224 | 11,228 |
| New Mexico | 2,234 | 2,371 | 2,728 | 2,897 | 38,336 | 2,896 |
| New York | 15,051 | 15,273 | 15,470 | 14,657 | 251,027 | 14,787 |
| North Carolina | 1,682 | 2,040 | 2,717 | 3,224 | 29,113 | 1,286 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 557 | 595 | 716 | 797 | 14,798 | 411 |
| Oklahoma | 16,916 | 13,715 | 13,592 | 11,049 | 189,618 | 11,649 |
| Oregon | 5,627 | 5,889 | 7,672 | 8,063 | 75,141 | 6,586 |
| Pennsylvania | 3,311 | 4,012 | 6,330 | 4,183 | 40,780 | 2,841 |
| Rhode Island | 2,348 | 1,929 | 2,687 | 3,607 | 40,180 | 2,724 |
| South Carolina | 986 | 696 | 1,789 | 1,857 | 16,468 | 443 |
| South Dakota | 21 | 36 | 31 | 103 | 1,743 | 57 |
| Tennessee | 108 | 34 | 49 | 197 | 2,896 | 40 |
| Texas | 101,535 | 96,034 | 88,653 | 88,895 | 1,416,030 | 85,269 |
| Utah | 743 | 407 | 492 | 434 | 15,164 | 451 |
| Vermont | 2 | 1 | 3 | 1 | 30 | 3 |
| Virginia | 2,995 | 1,670 | 4,425 | 3,626 | 32,376 | 2,259 |
| Washington | 3,727 | 3,997 | 5,823 | 5,808 | 53,868 | 3,686 |
| West Virginia | 378 | 22 | 71 | 51 | 2,064 | 151 |
| Wisconsin | 1,312 | 1,313 | 1,254 | 2,081 | 21,114 | 1,762 |
| Wyoming | 196 | 168 | 175 | 196 | 2,323 | 38 |
| **Total** | **368,958** | **355,130** | **355,793** | **341,817** | **4,929,240** | **329,373** |

See footnotes at end of table.

# Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | |
|---|---|---|---|---|---|---|
| | November | October | September | August | July | June |
| Alabama | 3,841 | 3,028 | 7,106 | 17,406 | 12,592 | 7,511 |
| Alaska | 3,152 | 2,980 | 2,847 | 3,108 | 3,133 | 2,911 |
| Arizona | 6,087 | 11,502 | 16,335 | 21,021 | 20,481 | 11,981 |
| Arkansas | 1,659 | 2,246 | 2,344 | 3,824 | 3,558 | 1,742 |
| California | 49,610 | 62,558 | 66,607 | 76,282 | 81,897 | 43,102 |
| Colorado | 6,071 | 4,729 | 6,030 | 9,322 | 8,567 | 4,998 |
| Connecticut | 4,459 | 3,869 | 4,126 | 4,588 | 3,890 | 2,870 |
| Delaware | 452 | 891 | 1,088 | 2,041 | 2,160 | 856 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 44,122 | 47,217 | 51,628 | 51,497 | 52,649 | 46,957 |
| Georgia | 2,065 | 2,595 | 2,853 | 8,657 | 6,283 | 2,895 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 137 | 131 | 140 | 332 | 612 | 169 |
| Illinois | 1,367 | 1,303 | 1,572 | 10,506 | 5,353 | 2,534 |
| Indiana | 2,684 | 1,485 | 2,414 | 4,879 | 3,030 | 2,194 |
| Iowa | 476 | 242 | 277 | 1,049 | 576 | 219 |
| Kansas | 861 | 608 | 866 | 4,054 | 3,052 | 1,196 |
| Kentucky | 106 | 104 | 159 | 958 | 464 | 160 |
| Louisiana | 15,334 | 16,791 | 18,449 | 28,714 | 27,217 | 20,293 |
| Maine | 6,079 | 6,990 | 6,104 | 6,674 | 6,861 | 5,255 |
| Maryland | 495 | 2,744 | 3,560 | 4,197 | 4,403 | 1,800 |
| Massachusetts | 14,271 | 18,540 | 16,941 | 19,232 | 21,092 | 15,276 |
| Michigan | 6,490 | 6,362 | 6,850 | 15,717 | 9,192 | 6,556 |
| Minnesota | 1,871 | 2,013 | 1,836 | 4,438 | 2,632 | 1,049 |
| Mississippi | 6,304 | 5,118 | 7,555 | 10,394 | 10,704 | 8,757 |
| Missouri | 476 | 109 | 749 | 5,568 | 5,293 | 1,267 |
| Montana | 11 | 15 | 11 | 63 | 26 | 37 |
| Nebraska | 260 | 235 | 224 | 1,386 | 1,436 | 424 |
| Nevada | 8,514 | 10,430 | 11,291 | 13,694 | 13,860 | 9,886 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 0 |
| New Jersey | 8,788 | 9,841 | 10,771 | 16,861 | 15,790 | 8,331 |
| New Mexico | 2,497 | 2,629 | 3,229 | 5,356 | 4,814 | 3,535 |
| New York | 15,590 | 19,602 | 21,878 | 36,973 | 32,144 | 20,838 |
| North Carolina | 1,462 | 942 | 3,466 | 5,040 | 4,731 | 657 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 0 |
| Ohio | 493 | 377 | 752 | 6,755 | 1,492 | 813 |
| Oklahoma | 8,520 | 13,599 | 16,458 | 32,630 | 32,405 | 16,264 |
| Oregon | 7,787 | 8,201 | 9,441 | 9,077 | 9,294 | 3,209 |
| Pennsylvania | 2,311 | 3,390 | 2,891 | 9,027 | 6,441 | 3,270 |
| Rhode Island | 3,882 | 3,356 | 3,931 | 4,397 | 4,808 | 3,167 |
| South Carolina | 233 | 302 | 652 | 4,276 | 2,703 | 1,352 |
| South Dakota | 91 | 95 | 158 | 486 | 477 | 205 |
| Tennessee | 55 | 53 | 73 | 403 | 112 | 131 |
| Texas | 88,348 | 104,675 | 109,050 | 173,402 | 165,419 | 141,088 |
| Utah | 428 | 1,195 | 1,344 | 2,224 | 2,308 | 1,342 |
| Vermont | 5 | 4 | 3 | 3 | 2 | 2 |
| Virginia | 3,295 | 1,496 | 2,164 | 6,257 | 4,787 | 1,260 |
| Washington | 5,287 | 5,377 | 6,647 | 6,766 | 6,883 | 1,042 |
| West Virginia | 169 | 101 | 201 | 602 | 284 | 144 |
| Wisconsin | 1,093 | 1,299 | 1,117 | 3,660 | 2,421 | 1,225 |
| Wyoming | 58 | 104 | 99 | 292 | 326 | 55 |
| **Total** | **337,644** | **391,473** | **434,285** | **654,087** | **608,655** | **410,827** |

See footnotes at end of table.

Table 18

# Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | 2002 |
|---|---|---|---|---|---|---|
| | May | April | March | February | January | Total |
| Alabama | 4,608 | 5,840 | 4,377 | 5,320 | 9,717 | 112,403 |
| Alaska | 2,615 | 2,712 | 2,888 | 2,715 | 3,365 | 31,704 |
| Arizona | 8,701 | 9,405 | 11,626 | 8,703 | 2,497 | 145,346 |
| Arkansas | 2,887 | 2,838 | 2,337 | 2,973 | 2,366 | 42,430 |
| California | 37,310 | 35,140 | 52,522 | 51,396 | 52,248 | 726,627 |
| Colorado | 6,022 | 4,519 | 5,772 | 5,472 | 5,206 | 78,171 |
| Connecticut | 3,254 | 3,505 | 4,261 | 2,098 | 2,509 | 65,060 |
| Delaware | 356 | 943 | 952 | 353 | 456 | 17,460 |
| District of Columbia | 0 | 0 | 0 | 0 | 0 | 0 |
| Florida | 50,704 | 39,940 | 42,010 | 28,404 | 30,425 | 521,868 |
| Georgia | 2,488 | 4,279 | 884 | 801 | 3,127 | 56,588 |
| Hawaii | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho | 137 | 103 | 121 | 121 | 150 | 2,720 |
| Illinois | 1,492 | 1,870 | 2,574 | 2,829 | 3,048 | 81,867 |
| Indiana | 2,759 | 935 | 1,959 | 1,729 | 1,459 | 35,104 |
| Iowa | 246 | 280 | 296 | 330 | 277 | 5,250 |
| Kansas | 922 | 780 | 1,037 | 730 | 827 | 21,389 |
| Kentucky | 302 | 189 | 153 | 174 | 627 | 13,712 |
| Louisiana | 18,727 | 15,679 | 13,374 | 13,630 | 17,244 | 323,804 |
| Maine | 4,141 | 4,923 | 4,329 | 3,613 | 6,632 | 90,769 |
| Maryland | 1,293 | 642 | 334 | 572 | 662 | 22,273 |
| Massachusetts | 12,129 | 10,988 | 10,899 | 9,733 | 9,128 | 128,852 |
| Michigan | 7,188 | 6,955 | 7,428 | 9,741 | 11,477 | 146,133 |
| Minnesota | 554 | 1,159 | 731 | 1,045 | 1,129 | 13,181 |
| Mississippi | 8,162 | 8,307 | 6,983 | 8,169 | 12,494 | 163,664 |
| Missouri | 1,285 | 2,399 | 817 | 661 | 1,589 | 29,911 |
| Montana | 11 | 2 | 21 | 20 | 7 | 116 |
| Nebraska | 194 | 261 | 125 | 161 | 125 | 4,947 |
| Nevada | 7,153 | 6,409 | 7,538 | 7,017 | 7,294 | 109,605 |
| New Hampshire | 0 | 0 | 0 | 0 | 0 | 1,096 |
| New Jersey | 8,598 | 8,284 | 7,062 | 8,118 | 8,552 | 160,363 |
| New Mexico | 3,293 | 2,349 | 2,838 | 2,704 | 2,197 | 37,324 |
| New York | 16,880 | 17,698 | 20,318 | 15,316 | 19,004 | 365,705 |
| North Carolina | 3,141 | 2,192 | 1,332 | 1,758 | 3,107 | 31,877 |
| North Dakota | 0 | 0 | 0 | 0 | 0 | 1 |
| Ohio | 639 | 1,089 | 1,077 | 348 | 552 | 22,722 |
| Oklahoma | 14,044 | 11,659 | 10,129 | 11,557 | 10,705 | 194,770 |
| Oregon | 1,623 | 2,085 | 4,356 | 5,636 | 7,847 | 55,854 |
| Pennsylvania | 2,207 | 2,470 | 2,712 | 1,624 | 1,597 | 50,251 |
| Rhode Island | 1,848 | 1,764 | 2,853 | 3,083 | 4,367 | 53,965 |
| South Carolina | 1,202 | 1,437 | 413 | 816 | 2,639 | 36,710 |
| South Dakota | 10 | 66 | 18 | 51 | 27 | 1,265 |
| Tennessee | 27 | 639 | 264 | 116 | 983 | 2,596 |
| Texas | 137,715 | 101,148 | 102,071 | 99,744 | 108,101 | 1,550,292 |
| Utah | 1,108 | 1,773 | 1,372 | 754 | 865 | 15,439 |
| Vermont | 3 | 2 | 1 | 1 | 1 | 37 |
| Virginia | 827 | 3,237 | 2,461 | 959 | 3,374 | 34,936 |
| Washington | 1,068 | 1,846 | 5,177 | 5,146 | 4,943 | 39,552 |
| West Virginia | 95 | 140 | 76 | 36 | 67 | 1,885 |
| Wisconsin | 1,053 | 1,793 | 1,900 | 2,106 | 1,686 | 20,541 |
| Wyoming | 82 | 238 | 254 | 418 | 358 | 3,764 |
| **Total** | **381,098** | **332,912** | **353,032** | **328,801** | **367,051** | **5,671,897** |

E Estimated Data.
NA Not Available.
**Notes:** Geographic coverage is the 50 States and the District of Columbia.

See Appendix A, Explanatory Note 7 for discussion of computation and revision policy.
**Source:** Form EIA-906, "Power Plant Report."

## Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | |
|---|---|---|---|---|---|---|
| | | | | July | June | May |
| Alabama | NA | 189,554 | 208,015 | NA | 26,061 | 25,881 |
| Alaska | NA | 79,803 | 76,917 | NA | 11,398 | 10,428 |
| Arizona | NA | 127,822 | 127,867 | NA | 22,710 | 21,755 |
| Arkansas | NA | 135,713 | 142,162 | NA | 11,725 | 14,467 |
| California | NA | NA | 1,292,877 | NA | 160,940 | 163,531 |
| Colorado | NA | 221,012 | 243,886 | NA | 19,589 | 23,328 |
| Connecticut | NA | 95,674 | 105,607 | NA | 10,284 | 11,629 |
| Delaware | NA | NA | 30,758 | NA | 2,645 | 3,813 |
| District of Columbia | NA | 21,261 | 18,701 | NA | 1,076 | 1,250 |
| Florida | NA | NA | 392,522 | NA | 66,292 | 61,000 |
| Georgia | NA | 231,478 | 216,717 | NA | 27,196 | 29,145 |
| Hawaii | NA | 1,622 | 1,609 | NA | 235 | 221 |
| Idaho | NA | 36,695 | 41,934 | NA | 3,303 | 3,562 |
| Illinois | NA | 627,755 | 638,481 | NA | 38,908 | 46,838 |
| Indiana | NA | 321,801 | 319,560 | NA | 25,312 | 30,800 |
| Iowa | NA | 138,359 | 131,208 | NA | 10,347 | 11,634 |
| Kansas | NA | 143,916 | 141,907 | NA | 12,082 | 13,392 |
| Kentucky | NA | 127,900 | 125,550 | NA | 11,192 | 12,316 |
| Louisiana | NA | 589,674 | 693,113 | NA | 83,344 | 82,897 |
| Maine | NA | 41,495 | 57,717 | NA | 6,609 | 6,475 |
| Maryland | NA | 126,978 | 108,432 | NA | 7,982 | R9,223 |
| Massachusetts | NA | 268,426 | 231,590 | NA | NA | 26,629 |
| Michigan | NA | 593,626 | 588,123 | NA | 40,359 | 53,982 |
| Minnesota | NA | 217,051 | 208,850 | NA | 15,192 | 17,706 |
| Mississippi | NA | 156,187 | 196,111 | NA | 19,440 | 19,961 |
| Missouri | NA | 177,918 | 177,528 | NA | 12,104 | 15,339 |
| Montana | NA | 33,878 | 37,012 | NA | 2,706 | 3,258 |
| Nebraska | NA | 71,749 | 73,944 | NA | 5,845 | R6,241 |
| Nevada | NA | 101,566 | 101,505 | NA | 15,592 | 12,770 |
| New Hampshire | NA | NA | 16,012 | NA | NA | NA |
| New Jersey | NA | 391,822 | 356,571 | NA | 32,993 | 38,799 |
| New Mexico | NA | 73,032 | 79,053 | NA | 7,560 | 8,704 |
| New York | NA | 705,442 | 713,131 | NA | 51,901 | 64,687 |
| North Carolina | NA | 142,418 | 137,227 | NA | 14,196 | 18,129 |
| North Dakota | NA | 21,600 | 26,348 | NA | 1,232 | 2,045 |
| Ohio | NA | 540,367 | 503,101 | NA | 31,526 | 43,699 |
| Oklahoma | NA | 253,739 | 263,432 | NA | 32,055 | 34,673 |
| Oregon | NA | 115,012 | 116,779 | NA | 12,733 | 14,324 |
| Pennsylvania | NA | 425,921 | 383,016 | NA | 33,089 | 42,091 |
| Rhode Island | NA | 48,024 | 51,801 | NA | 5,264 | 5,868 |
| South Carolina | NA | 89,167 | 116,505 | NA | 9,937 | 11,799 |
| South Dakota | NA | 22,934 | 17,621 | NA | 1,638 | 1,825 |
| Tennessee | NA | 162,993 | 154,735 | NA | 11,690 | 14,153 |
| Texas | NA | 2,165,491 | 2,391,791 | NA | 307,130 | 281,534 |
| Utah | NA | 74,972 | 79,294 | NA | 5,478 | 6,908 |
| Vermont | NA | 5,514 | 5,378 | NA | 426 | 521 |
| Virginia | NA | 155,294 | 142,769 | NA | 16,696 | 16,375 |
| Washington | NA | 140,945 | 141,831 | NA | NA | NA |
| West Virginia | NA | NA | 62,774 | NA | 4,765 | R5,338 |
| Wisconsin | NA | 245,281 | 231,167 | NA | 15,445 | 21,134 |
| Wyoming | NA | 41,178 | 41,157 | NA | 4,466 | 4,730 |
| **Total** | **12,387,754** | **12,417,672** | **12,770,379** | **1,393,399** | **1,308,109** | **R1,394,788** |

See footnotes at end of table.

Table 19

## Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2004 | | | | 2003 | |
|---|---|---|---|---|---|---|
| | April | March | February | January | Total | December |
| Alabama | 26,720 | 30,782 | 35,466 | 37,567 | R308,607 | 28,901 |
| Alaska | 13,032 | 13,696 | 12,781 | 14,127 | NA | NA |
| Arizona | 16,520 | 20,628 | 25,986 | 22,494 | 218,165 | 16,421 |
| Arkansas | 17,020 | R22,589 | 26,548 | 25,589 | 211,123 | 19,993 |
| California | 174,601 | 191,987 | 213,462 | 218,806 | NA | 208,329 |
| Colorado | 28,875 | 31,365 | 45,154 | 47,574 | 372,900 | 47,794 |
| Connecticut | 13,715 | 16,285 | 20,227 | 20,081 | 153,268 | 16,887 |
| Delaware | 3,425 | 4,661 | 5,659 | 6,920 | NA | 4,993 |
| District of Columbia | R2,368 | R3,352 | 4,686 | 6,329 | 33,192 | 4,981 |
| Florida | 52,613 | 50,111 | 49,490 | 50,966 | NA | 50,281 |
| Georgia | NA | 33,713 | 50,186 | 53,461 | R389,337 | R50,305 |
| Hawaii | R240 | R239 | 230 | 243 | 2,738 | 239 |
| Idaho | 4,518 | 6,211 | 7,965 | 8,942 | 57,993 | 7,031 |
| Illinois | 68,555 | 105,431 | 136,354 | 164,574 | 988,410 | 126,937 |
| Indiana | 38,161 | 52,467 | 69,946 | 80,662 | 522,473 | 64,429 |
| Iowa | 15,644 | 22,971 | 30,998 | 32,619 | 219,332 | 26,503 |
| Kansas | 15,378 | 22,019 | 29,212 | 30,206 | R228,123 | 25,856 |
| Kentucky | 15,763 | 21,629 | 27,509 | 32,628 | 206,286 | 27,285 |
| Louisiana | 77,953 | 90,342 | 91,905 | 92,654 | NA | 90,075 |
| Maine | 6,673 | 6,870 | 7,300 | 6,291 | NA | NA |
| Maryland | 14,355 | 20,370 | 26,819 | 33,331 | 204,588 | 26,948 |
| Massachusetts | 42,337 | 43,215 | 51,015 | 50,825 | NA | NA |
| Michigan | 75,842 | 101,273 | 126,686 | 136,501 | 890,291 | 99,743 |
| Minnesota | 24,860 | 36,961 | 45,911 | 58,054 | 353,472 | 46,227 |
| Mississippi | 17,745 | 20,636 | 23,639 | 21,475 | 245,764 | 22,051 |
| Missouri | 20,364 | 30,104 | 43,004 | 41,160 | 262,238 | 30,720 |
| Montana | 3,881 | 5,475 | 6,887 | 8,743 | R54,300 | 7,110 |
| Nebraska | R8,212 | 12,076 | 16,385 | 16,516 | 114,111 | 13,082 |
| Nevada | 11,371 | 14,435 | 19,148 | 19,168 | 179,666 | 18,478 |
| New Hampshire | NA | 3,000 | 4,063 | 3,730 | NA | NA |
| New Jersey | 51,839 | 64,136 | 84,092 | 88,033 | NA | 74,059 |
| New Mexico | 8,684 | 12,712 | 14,797 | 14,861 | 115,029 | 12,574 |
| New York | 87,073 | 107,283 | 132,616 | 130,862 | 1,066,901 | 103,331 |
| North Carolina | 17,707 | 24,358 | 31,847 | 33,352 | NA | 28,502 |
| North Dakota | 2,956 | 3,987 | 4,504 | 5,908 | NA | NA |
| Ohio | 65,612 | 91,830 | 115,979 | 135,366 | 828,529 | 103,296 |
| Oklahoma | 33,589 | 38,042 | 45,332 | 43,386 | R418,437 | 37,835 |
| Oregon | 16,462 | 19,681 | 24,084 | 26,762 | 206,392 | 22,165 |
| Pennsylvania | 55,058 | 73,848 | 95,571 | 100,567 | 650,626 | 77,988 |
| Rhode Island | NA | 6,546 | 9,484 | 9,358 | R76,189 | R6,670 |
| South Carolina | 11,046 | 14,165 | 18,607 | 18,107 | 141,013 | 13,886 |
| South Dakota | 2,450 | 3,588 | 4,947 | 5,503 | 36,476 | 4,459 |
| Tennessee | 18,280 | 25,270 | 33,016 | 33,957 | R243,898 | 27,584 |
| Texas | 261,115 | 278,976 | 295,826 | 306,938 | 3,629,897 | 285,289 |
| Utah | 9,127 | 10,390 | 17,772 | 21,518 | 125,806 | 16,584 |
| Vermont | 835 | 1,079 | 1,388 | 1,158 | 8,394 | 1,030 |
| Virginia | NA | 24,567 | 34,442 | 40,637 | 250,865 | 33,209 |
| Washington | NA | R22,644 | 28,289 | R33,088 | 238,901 | 27,398 |
| West Virginia | 9,330 | 11,487 | 14,939 | 14,561 | NA | NA |
| Wisconsin | 27,473 | 40,778 | 48,268 | 64,090 | 387,847 | 47,431 |
| Wyoming | 5,503 | 6,172 | 7,280 | 7,671 | 67,612 | 7,265 |
| **Total** | **R1,575,097** | **R1,917,917** | **2,319,041** | **R2,479,403** | **R20,209,829** | **R2,091,329** |

See footnotes at end of table.

## Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | |
|---|---|---|---|---|---|---|
| | November | October | September | August | July | June |
| Alabama | 19,705 | 18,112 | 20,780 | 31,555 | R26,489 | 21,129 |
| Alaska | 11,949 | NA | 11,230 | 11,338 | 11,043 | 11,038 |
| Arizona | 12,115 | 16,138 | 20,380 | 25,289 | 24,866 | 16,767 |
| Arkansas | 15,242 | 14,544 | 12,431 | 13,200 | 12,885 | 12,749 |
| California | 174,165 | 168,114 | 168,841 | 175,623 | 180,450 | 144,778 |
| Colorado | 39,492 | 21,212 | 20,621 | 22,770 | 22,686 | 18,769 |
| Connecticut | 13,223 | 10,239 | 7,968 | 9,277 | 8,573 | 7,995 |
| Delaware | 3,677 | 3,023 | 2,797 | 3,569 | 3,578 | 2,477 |
| District of Columbia | 2,769 | 2,021 | 875 | 1,285 | 1,131 | 1,151 |
| Florida | 55,678 | NA | NA | 62,826 | 62,977 | 56,995 |
| Georgia | R30,799 | R26,123 | R22,371 | R28,260 | R25,275 | R21,012 |
| Hawaii | 216 | 218 | 224 | 219 | 225 | 219 |
| Idaho | 5,356 | 3,380 | 2,942 | 2,588 | 3,037 | 3,294 |
| Illinois | 89,625 | 60,145 | 39,492 | 44,457 | 39,228 | 38,293 |
| Indiana | 46,655 | 35,153 | 27,199 | 27,237 | 24,850 | 25,553 |
| Iowa | 20,426 | 13,547 | 10,495 | 10,002 | 9,837 | 10,116 |
| Kansas | 16,093 | 13,192 | 13,750 | 15,318 | 15,602 | 11,439 |
| Kentucky | 16,979 | 13,377 | 10,407 | 10,337 | 9,498 | 9,328 |
| Louisiana | 78,971 | 77,940 | 79,004 | NA | 86,692 | 72,508 |
| Maine | 6,785 | R7,661 | 6,562 | 7,115 | 7,331 | 5,722 |
| Maryland | 16,058 | 14,063 | 10,003 | 10,538 | 10,672 | 8,779 |
| Massachusetts | NA | 36,132 | NA | NA | 31,777 | 28,714 |
| Michigan | 70,166 | 50,408 | 33,443 | 42,904 | 35,974 | 37,757 |
| Minnesota | 36,190 | 22,901 | 14,887 | 16,216 | 15,422 | 12,906 |
| Mississippi | 16,729 | 14,964 | 16,673 | 19,159 | 19,723 | 18,510 |
| Missouri | 17,597 | 11,129 | 10,011 | 14,862 | 13,066 | 10,724 |
| Montana | 5,905 | 3,241 | 2,162 | 2,005 | 2,040 | 2,726 |
| Nebraska | 8,867 | 6,845 | 5,970 | 7,599 | 7,711 | 4,496 |
| Nevada | 14,442 | 14,037 | 14,451 | 16,693 | 17,093 | 13,335 |
| New Hampshire | 1,942 | 1,435 | 1,024 | 1,062 | 1,015 | 1,151 |
| New Jersey | 46,327 | NA | 28,882 | 34,349 | 34,512 | 27,686 |
| New Mexico | 7,793 | 6,177 | 7,011 | 8,443 | 8,274 | 7,408 |
| New York | 74,080 | 61,427 | 53,732 | 68,888 | 63,775 | 55,797 |
| North Carolina | 18,190 | NA | 13,258 | 14,423 | 13,452 | 9,505 |
| North Dakota | 3,982 | 2,275 | 1,725 | 1,079 | 1,278 | 1,612 |
| Ohio | 63,917 | 50,661 | 32,763 | 37,525 | 32,689 | 33,125 |
| Oklahoma | 25,108 | 27,521 | 28,792 | 45,441 | 44,895 | 27,880 |
| Oregon | 19,254 | 16,606 | 17,044 | 16,311 | 16,593 | 11,174 |
| Pennsylvania | 47,523 | 39,900 | 26,315 | 32,979 | 30,318 | 29,122 |
| Rhode Island | 6,472 | 4,709 | 4,891 | 5,423 | 5,830 | 4,902 |
| South Carolina | 9,550 | 8,397 | 8,274 | 11,739 | 9,850 | 8,209 |
| South Dakota | 3,716 | 2,054 | 1,575 | 1,738 | 1,790 | 1,684 |
| Tennessee | 16,098 | 13,599 | 11,813 | 11,812 | 11,518 | 13,573 |
| Texas | 258,544 | 276,124 | 278,798 | 365,651 | 366,658 | 289,201 |
| Utah | 13,370 | 8,002 | 6,382 | 6,496 | 6,470 | 5,801 |
| Vermont | 709 | 503 | 326 | 313 | 294 | 368 |
| Virginia | 21,302 | 15,277 | 11,332 | 14,452 | 13,965 | 11,674 |
| Washington | 23,156 | 16,732 | 15,679 | 14,991 | 15,310 | 11,402 |
| West Virginia | 8,091 | 7,209 | 5,577 | 5,613 | 5,025 | 5,021 |
| Wisconsin | 36,643 | 24,663 | 16,556 | 17,273 | 15,653 | 15,617 |
| Wyoming | 5,454 | 5,111 | 4,406 | 4,200 | 4,142 | 4,427 |
| **Total** | **R1,588,589** | **R1,390,388** | **R1,251,342** | **R1,470,509** | **R1,434,345** | **R1,206,881** |

See footnotes at end of table.

Table 19

# Table 19. Natural Gas Deliveries to All Consumers, by State, 2002-2004

(Million Cubic Feet) — Continued

| State | 2003 | | | | | 2002 |
|---|---|---|---|---|---|---|
| | May | April | March | February | January | Total |
| Alabama | 20,106 | 23,056 | 25,944 | 33,643 | 39,186 | 340,925 |
| Alaska | 11,086 | 12,044 | 12,067 | 10,442 | 12,083 | 129,292 |
| Arizona | 14,594 | 16,651 | 21,442 | 18,432 | 15,070 | 230,374 |
| Arkansas | 15,240 | 18,188 | 22,714 | 27,068 | 26,870 | 233,046 |
| California | 148,903 | 156,670 | 186,419 | NA | NA | 2,218,924 |
| Colorado | 25,031 | 25,481 | 38,175 | 46,928 | 43,941 | 409,504 |
| Connecticut | 9,924 | 13,700 | 17,189 | 18,502 | 19,791 | 175,072 |
| Delaware | 2,132 | 3,532 | 4,884 | 5,644 | NA | 52,167 |
| District of Columbia | 1,600 | 2,552 | 3,730 | 5,133 | 5,963 | 32,656 |
| Florida | 61,734 | 51,239 | 54,053 | NA | NA | 691,075 |
| Georgia | R23,219 | R28,987 | R31,132 | R43,483 | R58,370 | 375,567 |
| Hawaii | 227 | 229 | 235 | 237 | 251 | 2,734 |
| Idaho | 4,393 | 5,279 | 6,477 | 6,728 | 7,486 | 65,040 |
| Illinois | 47,025 | 74,433 | 114,277 | 146,910 | 167,588 | 1,036,437 |
| Indiana | 31,552 | 36,363 | 52,582 | 70,309 | 80,592 | 533,754 |
| Iowa | 12,407 | 16,839 | 25,407 | 32,393 | 31,359 | 215,466 |
| Kansas | 13,400 | R16,363 | R26,099 | R29,713 | R31,299 | 239,044 |
| Kentucky | 10,800 | 14,032 | 20,612 | 28,947 | 34,682 | 210,263 |
| Louisiana | 82,280 | 81,337 | 82,972 | 85,280 | 98,605 | 1,194,118 |
| Maine | 4,625 | 5,704 | 5,370 | 4,748 | 7,994 | 100,659 |
| Maryland | 10,660 | 15,597 | 21,162 | 28,458 | 31,650 | 193,766 |
| Massachusetts | 30,121 | 35,961 | 44,541 | 48,779 | 48,533 | 388,972 |
| Michigan | 53,996 | 78,714 | 112,669 | 134,058 | 140,458 | 926,300 |
| Minnesota | 18,222 | 26,556 | 39,308 | 50,689 | 53,948 | 348,523 |
| Mississippi | 17,826 | 19,426 | 21,527 | 26,678 | 32,498 | 312,237 |
| Missouri | 13,549 | 21,355 | 33,907 | 42,745 | 42,572 | 272,700 |
| Montana | 3,510 | 4,676 | 6,693 | 6,964 | R7,267 | 58,451 |
| Nebraska | 6,198 | 8,716 | 13,447 | 15,394 | 15,788 | 117,429 |
| Nevada | 11,982 | 12,372 | 15,123 | 14,933 | 16,728 | 175,739 |
| New Hampshire | 1,753 | 2,472 | 3,335 | NA | NA | 24,841 |
| New Jersey | 36,842 | 51,815 | 69,160 | 84,391 | 87,415 | 597,158 |
| New Mexico | 8,378 | 9,674 | 12,380 | 12,971 | 13,947 | 122,917 |
| New York | 68,629 | 94,890 | 131,398 | 147,259 | 143,694 | 1,190,745 |
| North Carolina | 14,748 | 17,621 | 21,962 | 31,055 | 34,075 | 229,338 |
| North Dakota | 2,036 | 2,494 | 4,145 | 4,580 | 5,456 | 42,569 |
| Ohio | 44,851 | 66,456 | 101,558 | 125,221 | 136,468 | 815,051 |
| Oklahoma | 28,176 | 30,719 | 38,040 | 41,806 | R42,222 | 429,141 |
| Oregon | 12,177 | 13,903 | 18,136 | 19,516 | 23,513 | 193,006 |
| Pennsylvania | 36,041 | 53,733 | 79,168 | 96,053 | 101,485 | 631,111 |
| Rhode Island | 4,332 | 5,488 | 8,281 | 9,205 | 9,988 | 87,472 |
| South Carolina | 9,787 | 11,868 | 12,536 | 17,228 | 19,689 | 184,422 |
| South Dakota | 1,900 | 2,898 | 4,339 | 5,034 | 5,290 | 28,379 |
| Tennessee | 14,980 | 19,102 | 28,223 | 37,896 | R37,700 | 243,955 |
| Texas | 298,271 | 266,873 | 296,290 | 312,106 | 336,092 | 3,963,152 |
| Utah | 7,111 | 10,773 | 12,948 | 15,982 | 15,888 | 135,699 |
| Vermont | 540 | 907 | 1,062 | 1,191 | 1,153 | 8,353 |
| Virginia | 13,811 | 18,102 | 25,646 | 32,215 | 39,882 | 247,351 |
| Washington | 14,881 | 19,244 | 26,029 | 26,198 | 27,881 | 227,360 |
| West Virginia | 5,928 | 7,610 | NA | 14,547 | 15,104 | 103,081 |
| Wisconsin | 20,871 | 31,961 | 44,050 | 55,305 | 61,823 | 381,498 |
| Wyoming | 5,020 | 5,811 | 7,054 | 7,094 | 7,630 | 69,633 |
| **Total** | **R1,358,712** | **R1,571,730** | **R2,017,389** | **R2,327,252** | **R2,501,363** | **21,236,462** |

R Revised Data.
NA Not Available.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the State annual totals through 2002 but not in the State monthly components. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

**Sources:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-906, "Power Plant Report."

# Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | July | June | May | April | March |
| Alabama | 6.37 | 5.97 | 4.73 | 7.15 | 6.90 | 6.50 | 6.54 | 6.14 |
| Alaska | NA | 2.29 | 2.40 | NA | 3.03 | 2.97 | 3.23 | 3.05 |
| Arizona | 5.39 | 4.74 | 3.59 | 5.60 | 5.61 | 5.39 | 5.16 | 5.35 |
| Arkansas | 6.70 | 5.58 | 5.12 | 7.06 | 7.11 | 6.88 | 7.12 | 6.50 |
| California | 5.72 | 5.43 | 2.97 | 6.30 | 6.50 | 5.83 | 5.22 | 5.04 |
| Colorado | 5.06 | 4.06 | 2.79 | 4.05 | 3.34 | 5.38 | 5.13 | 5.22 |
| Connecticut | 7.14 | 6.25 | 6.22 | 8.29 | 8.39 | 8.27 | 6.82 | 6.64 |
| Delaware | 5.86 | 6.17 | 5.19 | 4.84 | 5.77 | 5.85 | 5.75 | 5.57 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 6.37 | 6.03 | 3.67 | 6.38 | 6.68 | 6.57 | 6.29 | 6.02 |
| Georgia | 6.56 | 6.50 | 3.97 | 6.78 | 7.28 | 6.76 | 6.35 | 5.76 |
| Hawaii | 9.75 | 8.73 | 6.71 | 10.26 | 10.63 | 10.30 | 9.85 | 9.06 |
| Idaho | 5.39 | 3.92 | 3.72 | 6.63 | 6.91 | 5.42 | 5.03 | 5.78 |
| Illinois | 6.33 | 6.20 | 3.48 | 6.46 | 6.27 | 7.07 | 6.45 | 6.48 |
| Indiana | 6.53 | 6.31 | 3.43 | 7.98 | 8.05 | 7.75 | 6.51 | 6.41 |
| Iowa | 6.67 | 6.39 | 3.73 | 6.67 | 8.22 | 7.19 | 6.63 | 6.47 |
| Kansas | 6.47 | 6.32 | 3.98 | 6.52 | 6.91 | 6.62 | 6.21 | 6.32 |
| Kentucky | 7.12 | 5.87 | 4.36 | 7.04 | 7.40 | 6.89 | 7.74 | 7.04 |
| Louisiana | 6.35 | NA | 3.69 | 6.32 | 6.92 | 6.39 | 5.87 | 5.77 |
| Maine | 9.63 | 6.69 | 6.45 | 8.11 | 8.24 | 7.57 | 9.60 | 9.84 |
| Maryland | 7.34 | 7.01 | 4.60 | 8.32 | 8.74 | 8.62 | 7.08 | 7.02 |
| Massachusetts | 7.82 | 7.70 | 4.65 | 8.59 | 11.60 | 9.37 | 7.51 | 6.53 |
| Michigan | 6.25 | 5.33 | 4.19 | 6.59 | 6.88 | 6.22 | 6.02 | 5.78 |
| Minnesota | 6.29 | 6.06 | 3.63 | 6.77 | 6.90 | 6.37 | 6.13 | 6.52 |
| Mississippi | 6.22 | NA | 3.98 | 6.20 | 6.81 | 6.31 | 6.11 | 6.55 |
| Missouri | 6.71 | 6.00 | 4.27 | 9.39 | 8.45 | 7.93 | 6.80 | 6.48 |
| Montana | 6.38 | 5.13 | 2.67 | 7.20 | 7.28 | 6.54 | 6.16 | 6.05 |
| Nebraska | 6.49 | 5.77 | 3.85 | 6.59 | 7.62 | 6.71 | 6.24 | 6.30 |
| Nevada | 6.61 | 5.41 | 4.26 | 6.62 | 6.62 | 6.57 | 6.20 | 6.94 |
| New Hampshire | NA | NA | 4.03 | NA | NA | NA | NA | 5.28 |
| New Jersey | 7.56 | 7.15 | 4.90 | 8.22 | 8.26 | 7.71 | 7.40 | 7.23 |
| New Mexico | 5.13 | 4.91 | 2.50 | 5.49 | 5.30 | 5.06 | 4.76 | 4.62 |
| New York | 6.19 | 5.83 | 3.73 | 5.57 | 6.42 | 6.06 | 5.63 | 5.73 |
| North Carolina | 7.00 | 6.96 | 4.15 | 7.98 | 8.52 | 7.72 | 6.91 | 6.54 |
| North Dakota | 6.54 | 5.73 | 3.36 | 7.62 | 8.14 | 6.99 | 6.07 | 6.25 |
| Ohio | NA | 7.22 | 4.58 | 8.53 | 8.29 | NA | 9.58 | 8.34 |
| Oklahoma | 6.39 | 5.66 | 4.01 | 6.42 | 6.48 | 6.11 | 6.82 | 6.31 |
| Oregon | 5.53 | 4.97 | 5.29 | 6.51 | 6.10 | 5.62 | 5.13 | 5.67 |
| Pennsylvania | 7.19 | 6.52 | 5.16 | 8.17 | 8.26 | 7.65 | 7.79 | 7.42 |
| Rhode Island | 7.03 | 6.67 | 4.78 | 8.10 | 8.22 | 7.30 | 7.99 | 6.15 |
| South Carolina | 7.26 | 6.91 | 4.84 | 8.19 | 8.63 | 7.83 | 7.07 | 6.84 |
| South Dakota | 6.56 | 6.36 | 4.13 | 7.16 | 7.80 | 6.98 | 6.94 | 6.59 |
| Tennessee | 6.45 | 6.06 | 3.99 | 6.33 | 6.58 | 6.61 | 6.37 | 6.45 |
| Texas | 5.82 | 5.86 | 3.53 | 6.30 | 6.46 | 5.59 | 5.88 | 5.25 |
| Utah | 5.45 | 4.57 | 4.16 | 5.76 | 5.38 | 5.69 | 5.43 | 5.12 |
| Vermont | 4.73 | 5.21 | 5.01 | 5.44 | 5.85 | 5.79 | 5.32 | 4.22 |
| Virginia | 7.10 | 6.50 | 4.19 | 7.90 | 7.82 | 7.44 | 7.19 | 6.78 |
| Washington | NA | 5.11 | 3.69 | NA | NA | NA | NA | R5.78 |
| West Virginia | 6.72 | 5.68 | 4.17 | 9.28 | 9.30 | 7.42 | 6.46 | 6.55 |
| Wisconsin | 6.42 | 6.35 | 3.96 | 8.02 | 7.68 | 6.91 | 6.18 | 6.08 |
| Wyoming | 5.89 | 2.26 | 3.67 | 7.15 | 7.04 | 6.33 | 5.84 | 5.62 |
| **Total** | **6.43** | **6.01** | **3.91** | **6.69** | **6.92** | **6.56** | **6.33** | **R6.24** |

See footnotes at end of table.

Table 20

# Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2004 | | 2003 | | | | | |
|---|---|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October | September | August |
| Alabama | 6.22 | 6.23 | 6.07 | 6.29 | 6.57 | 6.49 | 5.01 | 6.91 |
| Alaska | 3.50 | 2.89 | 2.33 | 2.33 | 2.37 | 2.34 | 2.35 | 2.57 |
| Arizona | 5.31 | 5.44 | 4.87 | 5.32 | 5.08 | 4.74 | 4.88 | 4.84 |
| Arkansas | 6.55 | 6.60 | 6.07 | 6.72 | 7.35 | 7.46 | 7.26 | 7.27 |
| California | 5.44 | 5.80 | 5.20 | 4.76 | 4.72 | 4.83 | 5.32 | 5.19 |
| Colorado | 5.62 | 5.27 | 4.11 | 4.67 | 4.35 | 3.62 | 4.43 | 2.79 |
| Connecticut | 6.64 | 7.07 | 5.59 | 4.89 | 4.71 | 4.80 | 3.55 | 4.85 |
| Delaware | 5.84 | 6.32 | 5.88 | 5.62 | 5.20 | 4.94 | 5.27 | 5.04 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 6.21 | 6.40 | 5.87 | 6.25 | 5.69 | 5.28 | 5.28 | 5.44 |
| Georgia | 6.31 | 6.93 | 6.24 | 6.25 | 5.85 | 5.56 | 5.51 | 5.27 |
| Hawaii | 9.25 | 9.05 | 8.63 | 8.19 | 8.52 | 8.58 | 8.79 | 8.37 |
| Idaho | 5.03 | 5.25 | 4.27 | 4.97 | 4.68 | 4.23 | 4.49 | 4.81 |
| Illinois | 6.11 | 6.14 | 5.97 | 6.08 | 5.72 | 5.00 | 5.16 | 5.02 |
| Indiana | 6.12 | 6.24 | 6.19 | 6.13 | 5.69 | 5.75 | 6.01 | 6.38 |
| Iowa | 6.43 | 6.74 | 6.19 | 6.42 | 5.39 | 4.96 | 5.95 | 6.38 |
| Kansas | 6.59 | 6.43 | 6.00 | 5.66 | 5.12 | 5.29 | 5.55 | 6.06 |
| Kentucky | 7.16 | 6.96 | 6.11 | 6.83 | 6.36 | 6.25 | 6.18 | 6.15 |
| Louisiana | 6.03 | 7.07 | NA | 5.84 | 5.36 | 5.11 | 5.29 | 5.11 |
| Maine | 9.94 | 10.28 | 7.45 | 9.08 | 9.88 | 9.42 | 7.53 | 9.39 |
| Maryland | 7.29 | 7.30 | 6.88 | 6.60 | 6.58 | 6.60 | 7.24 | 5.99 |
| Massachusetts | 8.00 | 7.62 | NA | NA | 6.59 | 6.30 | 6.64 | 6.85 |
| Michigan | 6.08 | 6.27 | 5.32 | 5.50 | 5.38 | 5.13 | 5.26 | 5.26 |
| Minnesota | 6.69 | 5.66 | 6.05 | 6.85 | 5.98 | 5.02 | 5.35 | 5.65 |
| Mississippi | 6.03 | 6.08 | NA | 6.08 | 5.49 | 5.63 | 6.24 | 5.51 |
| Missouri | 6.31 | 6.35 | 6.10 | 5.87 | 5.96 | 6.48 | 7.56 | 8.27 |
| Montana | 6.21 | 6.32 | 5.04 | 5.13 | 4.74 | 4.89 | 4.73 | 4.83 |
| Nebraska | 6.51 | 6.38 | 5.70 | 5.68 | 5.31 | 5.63 | 5.73 | 5.61 |
| Nevada | 6.51 | 6.70 | 5.67 | 6.46 | 5.62 | 5.79 | 5.92 | 5.52 |
| New Hampshire | 5.59 | 7.95 | NA | NA | 8.43 | 7.30 | 6.85 | 8.77 |
| New Jersey | 7.53 | 7.55 | 7.13 | 7.22 | 6.91 | 6.85 | 7.39 | 7.16 |
| New Mexico | 5.22 | 5.40 | 4.78 | 4.84 | 4.44 | 4.63 | 4.45 | 4.12 |
| New York | 6.38 | 6.80 | 5.61 | 5.52 | 5.46 | 4.90 | 5.06 | 4.81 |
| North Carolina | 6.75 | 6.56 | 6.80 | 6.17 | 6.90 | 6.46 | 7.11 | 7.05 |
| North Dakota | 6.61 | 6.23 | 5.78 | 6.36 | 5.57 | 5.55 | 5.29 | 7.27 |
| Ohio | 7.24 | 6.52 | 6.64 | 5.68 | 6.41 | 5.73 | 5.24 | 5.14 |
| Oklahoma | 6.48 | 6.21 | 5.80 | 6.17 | 6.36 | 5.42 | 5.36 | 5.53 |
| Oregon | 5.47 | 5.28 | 5.19 | 5.51 | 5.20 | 5.40 | 6.02 | 6.00 |
| Pennsylvania | 7.03 | 6.66 | 6.51 | 6.51 | 6.30 | 6.00 | 7.46 | 7.24 |
| Rhode Island | 5.94 | 7.40 | 6.94 | 6.59 | 6.24 | 7.10 | 11.81 | 12.76 |
| South Carolina | 6.88 | 6.98 | 6.70 | 6.27 | 6.23 | 6.08 | 6.87 | 6.67 |
| South Dakota | 6.36 | 6.18 | 6.07 | 6.23 | 4.97 | 4.89 | 5.58 | 6.29 |
| Tennessee | 6.58 | 6.34 | 5.95 | 6.25 | 5.64 | 5.31 | 5.55 | 5.45 |
| Texas | 5.61 | 6.03 | 5.57 | 5.67 | 4.90 | 4.61 | 5.07 | 5.02 |
| Utah | 5.48 | 5.49 | 4.74 | 5.55 | 4.50 | 3.57 | 5.98 | 5.82 |
| Vermont | 4.53 | 4.24 | 5.17 | 5.15 | 4.84 | 5.44 | 5.69 | 4.40 |
| Virginia | 6.93 | 7.06 | 6.60 | 6.60 | 6.23 | 6.54 | 8.54 | 7.94 |
| Washington | 5.39 | [R]5.76 | 5.07 | 5.10 | 4.59 | 4.87 | 6.22 | 5.66 |
| West Virginia | 6.41 | 6.33 | 5.77 | 5.64 | 5.91 | 6.21 | 6.05 | 6.18 |
| Wisconsin | 6.33 | 6.26 | 6.19 | 5.80 | 5.40 | 5.64 | 7.28 | 7.12 |
| Wyoming | 5.86 | 5.48 | 2.52 | 3.85 | 4.38 | 2.30 | 1.76 | 1.49 |
| **Total** | **6.34** | **[R]6.39** | **5.86** | **5.90** | **5.55** | **5.30** | **5.58** | **5.50** |

See footnotes at end of table.

# Table 20. Average City Gate Price, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2003 | | | | | | | 2002 |
|---|---|---|---|---|---|---|---|---|
| | July | June | May | April | March | February | January | Total |
| Alabama | 8.50 | 8.39 | 6.76 | 6.04 | 7.55 | 5.19 | 4.66 | 4.74 |
| Alaska | 2.12 | 2.14 | 2.37 | 2.36 | 2.30 | 2.22 | 2.35 | 2.36 |
| Arizona | 5.06 | 5.17 | 4.78 | 4.22 | 5.21 | 4.74 | 4.32 | 3.77 |
| Arkansas | 6.46 | 6.99 | 6.94 | 5.25 | 5.00 | 5.72 | 5.49 | 5.17 |
| California | 4.85 | 6.63 | 5.05 | 4.75 | 6.68 | 4.89 | 4.80 | 3.20 |
| Colorado | 3.12 | 2.18 | 5.76 | 4.21 | 4.90 | 3.93 | 3.62 | 2.72 |
| Connecticut | 4.77 | 5.53 | 5.58 | 5.26 | 7.49 | 5.89 | 7.33 | 6.42 |
| Delaware | 5.40 | 5.92 | 5.31 | 5.36 | 8.66 | 6.13 | 5.36 | 5.37 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 5.73 | 6.48 | 5.80 | 5.86 | 7.20 | 5.83 | 5.49 | 3.90 |
| Georgia | 5.97 | 6.48 | 6.45 | 6.07 | 8.66 | 6.46 | 5.88 | 4.55 |
| Hawaii | 7.97 | 8.96 | 9.53 | 9.84 | 8.72 | 8.30 | 7.89 | 7.17 |
| Idaho | 5.62 | 6.82 | 4.78 | 4.12 | 4.28 | 3.20 | 3.29 | 3.66 |
| Illinois | 5.20 | 6.11 | 5.68 | 5.12 | 8.69 | 6.55 | 5.34 | 3.68 |
| Indiana | 7.57 | 7.15 | 5.74 | 5.96 | 8.14 | 6.21 | 5.31 | 3.58 |
| Iowa | 7.23 | 7.00 | 6.37 | 6.96 | 8.15 | 5.83 | 5.30 | 4.16 |
| Kansas | 6.32 | 6.75 | 5.95 | 6.30 | 8.61 | 5.67 | 5.33 | 4.12 |
| Kentucky | 6.13 | 6.78 | 6.07 | 6.78 | 7.30 | 5.71 | 4.98 | 4.45 |
| Louisiana | 5.69 | 6.25 | 5.68 | 4.49 | NA | NA | 5.51 | 4.07 |
| Maine | 4.75 | 5.01 | 6.08 | 4.39 | 8.85 | 8.01 | 7.82 | 6.74 |
| Maryland | 7.45 | 8.48 | 6.98 | 6.83 | 8.93 | 6.90 | 5.92 | 4.94 |
| Massachusetts | 7.87 | R7.66 | 6.67 | 7.05 | 10.15 | 7.17 | 7.16 | 5.20 |
| Michigan | 5.48 | 5.80 | 5.21 | 4.95 | 6.58 | 4.86 | 4.38 | 4.10 |
| Minnesota | 5.98 | 5.55 | 5.06 | 5.56 | 8.48 | 5.89 | 5.09 | 4.03 |
| Mississippi | 6.40 | 6.81 | 5.77 | 5.81 | NA | 5.97 | 5.24 | 4.22 |
| Missouri | 7.61 | 8.45 | 7.12 | 6.18 | 8.39 | 5.22 | 4.75 | 4.56 |
| Montana | 5.27 | 5.35 | 4.94 | 4.68 | 6.17 | 5.18 | 4.61 | 2.98 |
| Nebraska | 5.89 | 5.82 | 6.42 | 6.16 | 7.38 | 5.19 | 4.78 | 4.09 |
| Nevada | 5.90 | 6.48 | 6.48 | 6.72 | 6.65 | 4.09 | 4.04 | 4.39 |
| New Hampshire | 7.17 | 6.86 | 5.95 | NA | 8.42 | NA | NA | 4.38 |
| New Jersey | 7.88 | 7.87 | 7.10 | 7.01 | 9.29 | 6.61 | 6.08 | 5.33 |
| New Mexico | 4.53 | 4.70 | 4.04 | 4.23 | 5.70 | 5.34 | 4.62 | 2.91 |
| New York | 5.06 | 5.74 | 5.71 | 5.46 | 7.25 | 5.78 | 5.41 | 3.90 |
| North Carolina | 7.51 | 8.07 | 7.34 | 7.17 | 9.58 | 6.24 | 5.67 | 4.52 |
| North Dakota | 7.79 | 7.05 | 5.47 | 5.00 | 7.00 | 5.21 | 4.89 | 3.68 |
| Ohio | 11.95 | 7.99 | 5.49 | 9.74 | 8.51 | 7.05 | 6.01 | 4.68 |
| Oklahoma | 5.33 | 5.90 | 6.04 | 5.45 | 7.81 | 5.30 | 4.84 | 4.24 |
| Oregon | 8.43 | 6.18 | 5.19 | 4.97 | 4.25 | 4.37 | 4.64 | 5.25 |
| Pennsylvania | 8.02 | 8.78 | 7.01 | 6.89 | 7.72 | 6.13 | 5.44 | 5.20 |
| Rhode Island | 12.64 | 11.59 | 8.31 | 6.44 | 8.98 | 5.98 | 4.35 | 5.01 |
| South Carolina | 7.38 | 7.94 | 7.06 | 6.66 | 9.45 | 6.28 | 5.72 | 4.91 |
| South Dakota | 8.00 | 7.32 | 6.62 | 7.07 | 8.50 | 5.38 | 5.03 | 4.21 |
| Tennessee | 5.68 | 6.32 | 5.59 | 5.63 | 7.68 | 6.14 | 5.45 | 4.13 |
| Texas | 5.30 | 6.02 | 4.87 | 5.03 | 7.54 | 6.13 | 5.52 | 3.86 |
| Utah | 5.94 | 4.39 | 3.62 | 3.76 | 4.32 | 5.12 | 4.97 | 4.07 |
| Vermont | 4.72 | 4.98 | 5.30 | 5.17 | 4.73 | 5.52 | 5.43 | 4.85 |
| Virginia | 7.04 | 7.77 | 7.85 | 6.92 | 6.69 | 6.56 | 5.65 | 4.64 |
| Washington | 6.15 | 6.22 | 5.35 | 4.82 | 6.44 | 4.48 | 4.48 | 3.83 |
| West Virginia | 6.80 | 6.65 | 5.83 | 5.92 | 6.15 | 4.86 | 5.09 | 4.28 |
| Wisconsin | 7.98 | 8.27 | 6.74 | 6.11 | 8.36 | 5.73 | 5.03 | 4.36 |
| Wyoming | 1.48 | 1.53 | 2.01 | 1.90 | 2.98 | 2.59 | 2.47 | 2.87 |
| **Total** | **5.82** | **R6.37** | **5.67** | **5.61** | **7.60** | **5.86** | **5.31** | **4.12** |

R Revised Data.
NA Not Available.
— Not Applicable.

**Notes:** Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21

# Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | July | June | May | April | March |
| Alabama | 12.53 | 11.07 | 10.29 | 17.60 | 17.12 | 15.16 | 13.73 | 12.34 |
| Alaska | NA | 4.40 | 4.33 | NA | 5.79 | 5.11 | 4.82 | 4.67 |
| Arizona | 11.74 | 10.81 | 11.93 | 17.08 | 15.91 | 14.58 | 13.35 | 11.29 |
| Arkansas | 11.09 | 9.72 | 9.02 | 17.19 | 17.21 | 14.06 | 11.79 | 10.70 |
| California | 9.56 | 9.19 | 6.84 | 10.14 | 10.12 | 9.36 | 8.35 | 8.78 |
| Colorado | 7.99 | 5.82 | 5.83 | 10.89 | 10.32 | 9.35 | 8.19 | 7.90 |
| Connecticut | 13.63 | 13.10 | 10.98 | 16.71 | 15.39 | 15.16 | 14.13 | 13.63 |
| Delaware | NA | 10.18 | 10.61 | 18.32 | 17.86 | 15.22 | 13.40 | 12.09 |
| District of Columbia | 13.75 | 13.00 | 10.83 | 19.29 | 18.92 | R17.58 | 14.13 | 12.97 |
| Florida | 17.50 | 16.23 | 12.93 | 22.38 | 21.50 | 19.51 | 18.01 | 16.69 |
| Georgia | 13.11 | 11.84 | 9.90 | 20.88 | 19.46 | 17.03 | 14.81 | 13.68 |
| Hawaii | 26.17 | 25.35 | 23.60 | 27.48 | 26.70 | 26.84 | 25.83 | 25.92 |
| Idaho | 8.66 | 6.90 | 9.00 | 10.15 | 9.28 | 9.02 | 8.80 | 8.62 |
| Illinois | 8.98 | 8.61 | 5.80 | 13.47 | 12.59 | 11.06 | 9.45 | 8.08 |
| Indiana | 9.93 | 9.61 | 7.41 | 14.38 | 13.67 | 10.97 | 12.03 | 10.41 |
| Iowa | 9.62 | 9.12 | 6.39 | 15.69 | 16.21 | 12.41 | 10.21 | 9.62 |
| Kansas | 10.33 | 8.24 | 7.25 | 15.36 | 14.25 | 12.60 | 11.47 | 10.24 |
| Kentucky | 10.49 | 8.49 | 7.44 | 15.14 | 14.32 | 13.26 | 11.65 | 10.27 |
| Louisiana | 10.36 | 9.77 | 7.42 | 14.27 | 14.15 | 12.79 | 10.59 | 9.31 |
| Maine | 13.73 | 12.21 | 11.17 | 15.33 | 14.38 | 12.81 | 14.37 | 13.76 |
| Maryland | 11.78 | 10.59 | 9.57 | 18.43 | 19.09 | 15.70 | 12.09 | 11.14 |
| Massachusetts | NA | 12.33 | 9.72 | NA | 14.04 | 14.32 | 14.06 | 13.55 |
| Michigan | 8.02 | 6.81 | 6.20 | 11.40 | 10.54 | 8.95 | 8.22 | 7.64 |
| Minnesota | 9.02 | 8.56 | 6.27 | 11.37 | 11.46 | 10.15 | 8.48 | 8.25 |
| Mississippi | 10.04 | NA | 7.44 | 12.34 | 12.14 | 11.28 | 10.90 | 9.46 |
| Missouri | 10.37 | 8.85 | 7.64 | 15.97 | 14.43 | 12.22 | 10.75 | 10.06 |
| Montana | 8.91 | 6.49 | 5.42 | 11.67 | 10.71 | 9.83 | 9.15 | 8.74 |
| Nebraska | 8.49 | 7.65 | 5.82 | 12.87 | 12.33 | 10.01 | 8.60 | 8.00 |
| Nevada | 9.30 | 8.71 | 9.64 | 12.87 | 11.53 | 10.62 | 10.35 | 9.12 |
| New Hampshire | NA | 10.52 | 9.80 | NA | NA | NA | NA | 13.21 |
| New Jersey | 11.30 | 7.92 | 7.03 | 13.15 | 12.92 | 11.85 | 10.89 | 11.20 |
| New Mexico | 8.88 | 8.10 | 7.09 | 13.37 | 12.53 | 10.88 | 10.18 | 8.54 |
| New York | 11.80 | 11.05 | 9.57 | 16.36 | 15.31 | 13.14 | 11.40 | 11.41 |
| North Carolina | 11.77 | 10.66 | 8.91 | 17.59 | 16.63 | 13.84 | 12.81 | 11.46 |
| North Dakota | 8.38 | 7.25 | 5.07 | 13.05 | 11.74 | 9.26 | 8.28 | 8.19 |
| Ohio | 9.90 | 8.68 | 7.29 | 12.19 | 12.67 | 11.10 | 10.04 | 9.66 |
| Oklahoma | 9.71 | 8.37 | 7.70 | 13.83 | 13.05 | 11.86 | 11.10 | 9.45 |
| Oregon | 10.51 | 9.45 | 10.70 | 12.89 | 11.36 | 10.73 | 11.46 | 10.61 |
| Pennsylvania | 11.77 | 10.37 | 9.09 | 17.39 | 15.87 | 14.02 | 11.92 | 11.58 |
| Rhode Island | 12.69 | 11.31 | 11.66 | 16.55 | 14.96 | 13.32 | 12.67 | 12.51 |
| South Carolina | 11.88 | 11.48 | 9.43 | 15.96 | 15.47 | 13.57 | 12.21 | 11.15 |
| South Dakota | 9.05 | 8.38 | 6.69 | 13.69 | 12.37 | 10.61 | 9.30 | 9.48 |
| Tennessee | 9.84 | 9.41 | 7.87 | 14.33 | 12.71 | 11.47 | 9.60 | 9.44 |
| Texas | 9.76 | 8.90 | 6.98 | 14.71 | 14.92 | 12.44 | 10.97 | 9.54 |
| Utah | 7.74 | 6.91 | 6.31 | 8.92 | 9.78 | 8.17 | 7.57 | 8.54 |
| Vermont | 10.60 | 9.62 | 10.35 | 14.13 | 12.90 | 11.46 | 10.59 | 10.33 |
| Virginia | 12.90 | 11.67 | 9.74 | 20.16 | 19.66 | 17.36 | 13.58 | 12.21 |
| Washington | NA | 7.87 | 9.75 | NA | NA | NA | R9.56 | R9.26 |
| West Virginia | 10.32 | 8.10 | 8.40 | 12.38 | 14.71 | 11.69 | 10.59 | 10.27 |
| Wisconsin | 9.74 | 9.37 | 7.01 | 12.45 | 12.29 | 10.45 | 9.64 | 9.22 |
| Wyoming | 8.10 | 6.53 | 5.95 | 12.11 | 10.59 | 9.37 | 8.14 | 8.04 |
| **Total** | **10.29** | **9.23** | **7.66** | **13.40** | **13.05** | **11.60** | **R10.52** | **9.97** |

See footnotes at end of table.

# Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2004 | | 2003 | | | | | |
|---|---|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October | September | August |
| Alabama | 11.49 | 11.58 | R11.85 | 12.27 | 15.45 | 15.17 | 17.07 | 16.78 |
| Alaska | 4.66 | 4.51 | 4.40 | 4.42 | 4.11 | 4.30 | 4.65 | 5.27 |
| Arizona | 10.60 | 10.36 | 11.39 | 10.65 | 12.90 | 14.52 | 16.47 | 16.16 |
| Arkansas | 9.98 | 10.20 | 10.33 | 10.32 | 12.22 | 14.84 | 16.07 | 16.25 |
| California | 9.94 | 9.96 | 9.17 | 9.06 | 8.70 | 9.35 | 9.65 | 9.62 |
| Colorado | 7.42 | 7.37 | 6.63 | 7.33 | 7.48 | 8.69 | 8.67 | 10.23 |
| Connecticut | 13.04 | 12.89 | NA | 12.61 | 13.04 | 14.07 | 12.34 | NA |
| Delaware | NA | 9.89 | 10.52 | 10.98 | 10.24 | 11.99 | 15.11 | 14.89 |
| District of Columbia | 13.03 | 13.31 | 13.09 | 12.91 | 12.72 | 13.12 | 18.43 | 16.08 |
| Florida | 16.07 | 15.74 | 17.11 | 16.62 | 19.43 | 20.50 | 20.86 | 21.16 |
| Georgia | 11.65 | 11.05 | 11.96 | 10.20 | 11.93 | 14.17 | 17.50 | 18.20 |
| Hawaii | 25.79 | 24.85 | 25.16 | 24.89 | 25.96 | 25.88 | 25.73 | 22.10 |
| Idaho | 8.48 | 8.42 | 7.57 | 8.55 | 8.75 | 9.41 | 9.84 | 10.25 |
| Illinois | 8.37 | 8.60 | 8.64 | 7.91 | 8.42 | 9.02 | 11.20 | 12.16 |
| Indiana | 9.55 | 8.54 | 9.40 | 8.55 | 8.50 | 9.07 | 10.44 | 13.06 |
| Iowa | 8.59 | 8.57 | 9.25 | 9.09 | 8.40 | 9.55 | 13.97 | 13.76 |
| Kansas | 9.85 | 9.00 | R8.95 | 9.36 | 10.53 | 12.76 | 13.72 | 14.61 |
| Kentucky | 9.90 | 9.73 | 9.21 | 9.73 | 10.16 | 11.93 | 13.36 | 14.88 |
| Louisiana | 9.36 | 10.00 | 10.30 | 10.02 | 13.08 | 12.83 | 13.30 | 13.29 |
| Maine | 13.92 | 13.21 | 13.05 | 14.06 | 14.96 | 14.87 | 15.84 | 17.09 |
| Maryland | 10.86 | 11.01 | 10.99 | 10.97 | 11.48 | 11.75 | 15.27 | 15.89 |
| Massachusetts | 13.65 | 12.16 | NA | NA | 12.90 | 13.02 | 15.25 | 15.66 |
| Michigan | 7.70 | 7.52 | 7.26 | 7.66 | 7.86 | 8.65 | 10.50 | 11.08 |
| Minnesota | 9.09 | 8.81 | 8.53 | 8.44 | 8.08 | 8.20 | 10.01 | 10.07 |
| Mississippi | 9.41 | 9.99 | NA | 9.26 | 10.55 | 11.02 | 10.51 | 10.42 |
| Missouri | 9.73 | 9.56 | 9.49 | 9.70 | 10.94 | 13.09 | 14.86 | 15.96 |
| Montana | 8.56 | 8.13 | 7.08 | 7.68 | 7.72 | 8.62 | 9.81 | 10.77 |
| Nebraska | 8.05 | 7.90 | 7.81 | 7.38 | 7.68 | 9.55 | 10.89 | 11.16 |
| Nevada | 8.56 | 8.32 | 8.96 | 8.34 | 9.36 | 10.91 | 11.20 | 11.56 |
| New Hampshire | 12.52 | 12.23 | NA | NA | 13.25 | 14.07 | 17.86 | 17.41 |
| New Jersey | 11.11 | 11.19 | NA | 9.44 | 9.51 | NA | 9.79 | 9.44 |
| New Mexico | 8.17 | 7.53 | 8.37 | 7.45 | 8.88 | 11.24 | 11.93 | 12.95 |
| New York | 11.21 | 11.26 | 11.44 | 11.18 | 11.83 | 13.51 | 15.98 | 15.80 |
| North Carolina | 10.92 | 11.26 | NA | 10.85 | 14.47 | NA | 18.07 | 19.09 |
| North Dakota | 8.22 | 7.63 | 7.50 | 7.62 | 7.34 | 8.17 | 9.73 | 10.75 |
| Ohio | 9.56 | 9.58 | 9.07 | 9.44 | 9.74 | 10.17 | 11.91 | 12.02 |
| Oklahoma | 8.88 | 8.81 | R8.90 | 8.76 | 11.23 | 12.80 | 13.63 | 13.80 |
| Oregon | 10.11 | 9.86 | 9.84 | 10.15 | 10.52 | 11.67 | 11.96 | 12.07 |
| Pennsylvania | 10.97 | 11.03 | 10.86 | 11.03 | 11.66 | 12.43 | 16.12 | 16.25 |
| Rhode Island | 12.10 | 12.31 | 11.86 | 12.72 | 12.84 | 14.11 | 15.93 | 15.40 |
| South Carolina | 11.57 | 11.73 | 11.93 | 11.91 | 14.12 | 14.71 | 16.20 | 16.13 |
| South Dakota | 8.28 | 8.23 | 8.49 | 8.53 | 7.82 | 8.87 | 10.97 | 12.12 |
| Tennessee | 9.49 | 9.59 | R9.68 | 9.44 | 10.82 | 12.03 | 12.12 | 13.41 |
| Texas | 8.42 | 8.61 | 9.21 | 8.69 | 9.36 | 11.06 | 12.93 | 13.24 |
| Utah | 7.38 | 7.31 | 7.33 | 7.81 | 7.57 | 7.80 | 9.04 | 9.50 |
| Vermont | 10.10 | 10.21 | 10.05 | 10.43 | 10.91 | 11.68 | 13.23 | 13.44 |
| Virginia | 12.61 | 11.64 | 11.83 | 11.00 | 11.88 | 12.79 | 18.18 | 17.33 |
| Washington | 9.17 | R9.12 | 8.43 | 9.14 | 9.31 | 9.93 | 10.41 | 10.87 |
| West Virginia | 10.03 | 9.74 | 8.77 | 9.68 | 10.18 | 10.48 | 11.12 | 13.13 |
| Wisconsin | 9.65 | 9.45 | 9.28 | 8.95 | 8.75 | 8.70 | 10.57 | 11.47 |
| Wyoming | 7.49 | 7.23 | 7.19 | 7.63 | 7.60 | 8.69 | 9.64 | 11.96 |
| **Total** | **9.85** | **R9.69** | **9.51** | **9.40** | **9.67** | **10.54** | **12.18** | **12.74** |

See footnotes at end of table.

Table 21

# Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2003 | | | | | | | 2002 |
|---|---|---|---|---|---|---|---|---|
| | July | June | May | April | March | February | January | Total |
| Alabama | [R]16.66 | 16.56 | 15.49 | 14.03 | 11.18 | 9.56 | 9.40 | 10.53 |
| Alaska | 5.43 | 4.83 | 4.60 | 4.31 | 4.33 | 4.33 | 4.20 | 4.41 |
| Arizona | 15.55 | 14.26 | 12.34 | 11.12 | 10.24 | 10.18 | 9.65 | 12.11 |
| Arkansas | 15.97 | 15.82 | 14.37 | 11.83 | 9.42 | 8.27 | 8.35 | 8.95 |
| California | 9.84 | 9.53 | 9.05 | 9.26 | 9.53 | 8.83 | 8.87 | 7.11 |
| Colorado | 10.53 | 9.33 | 8.24 | 7.39 | 5.59 | 4.46 | 4.57 | 5.62 |
| Connecticut | 15.83 | 14.75 | 15.39 | 14.15 | 14.52 | 11.57 | 11.71 | 11.15 |
| Delaware | 13.92 | 13.47 | 12.31 | 10.84 | 10.69 | 9.59 | 8.67 | 10.53 |
| District of Columbia | 17.65 | 15.56 | 14.95 | 13.60 | 13.73 | 13.40 | 11.24 | 11.01 |
| Florida | 21.08 | 20.59 | 19.48 | 18.24 | 17.64 | 14.09 | 13.14 | 13.61 |
| Georgia | 16.80 | 17.61 | 14.09 | 14.14 | 13.03 | 11.21 | 9.52 | 9.88 |
| Hawaii | 25.09 | 25.30 | 26.60 | 26.24 | 25.60 | 24.88 | 23.82 | 23.10 |
| Idaho | 9.16 | 7.77 | 7.06 | 6.94 | 6.76 | 6.67 | 6.64 | 8.41 |
| Illinois | 12.82 | 12.21 | 10.76 | 9.64 | 10.19 | 7.38 | 7.09 | 6.41 |
| Indiana | 13.79 | 12.57 | 11.39 | 11.49 | 10.96 | 8.65 | 8.14 | 7.68 |
| Iowa | 15.20 | 13.78 | 10.55 | 10.33 | 9.83 | 7.86 | 7.79 | 7.08 |
| Kansas | 14.38 | 13.71 | 11.33 | [R]9.80 | [R]7.87 | 7.33 | [R]6.85 | 7.24 |
| Kentucky | 13.79 | 13.33 | 12.77 | 10.54 | 8.90 | 7.52 | 7.33 | 7.52 |
| Louisiana | 12.98 | 13.84 | 12.39 | 10.98 | 10.40 | 8.79 | 8.41 | 8.13 |
| Maine | 17.32 | 16.14 | 15.50 | 13.56 | 12.00 | 11.77 | 9.87 | 11.78 |
| Maryland | 14.27 | 14.49 | 13.81 | 12.06 | 10.97 | 9.50 | 9.19 | 9.61 |
| Massachusetts | 14.88 | 13.20 | 13.92 | 14.18 | 12.42 | 11.33 | 11.09 | 10.05 |
| Michigan | 10.43 | 9.37 | 7.95 | 7.27 | 6.61 | 6.21 | 6.13 | 6.32 |
| Minnesota | 10.52 | 11.42 | 8.82 | 7.91 | 10.89 | 7.85 | 7.25 | 6.61 |
| Mississippi | 11.82 | 12.08 | 10.91 | 9.26 | NA | NA | 8.84 | 7.76 |
| Missouri | 15.37 | 13.48 | 11.70 | 9.67 | 8.49 | 8.01 | 7.75 | 8.00 |
| Montana | 10.25 | 8.03 | 6.71 | 7.09 | 6.32 | 6.02 | 5.84 | 5.30 |
| Nebraska | 11.17 | 9.88 | 8.29 | 8.63 | 8.27 | 6.84 | 6.50 | 6.18 |
| Nevada | 11.01 | 10.38 | 9.55 | 9.15 | 8.25 | 8.31 | 7.99 | 9.70 |
| New Hampshire | 18.24 | 15.55 | 11.97 | 10.44 | 9.81 | 9.63 | 9.69 | 10.08 |
| New Jersey | 9.31 | 8.84 | 8.64 | 8.52 | 7.91 | 7.62 | 7.42 | 7.23 |
| New Mexico | 12.74 | 10.97 | 9.23 | 9.06 | 8.40 | 7.29 | 6.66 | 7.71 |
| New York | 15.75 | 14.48 | 12.73 | 12.03 | 11.51 | 9.66 | 9.48 | 9.92 |
| North Carolina | 18.17 | 16.61 | 14.02 | 12.10 | 11.03 | 9.35 | 9.34 | 9.37 |
| North Dakota | 12.04 | 10.74 | 8.19 | 7.96 | 8.07 | 6.39 | 6.11 | 5.14 |
| Ohio | 11.77 | 11.50 | 10.04 | 9.67 | 8.54 | 8.32 | 7.72 | 7.61 |
| Oklahoma | 13.53 | 12.63 | 11.40 | 9.38 | 7.79 | 7.67 | [R]7.33 | 7.78 |
| Oregon | 11.51 | 10.08 | 9.27 | 9.46 | 9.34 | 9.33 | 9.23 | 10.54 |
| Pennsylvania | 15.92 | 14.00 | 12.42 | 11.29 | 10.07 | 9.47 | 9.46 | 9.48 |
| Rhode Island | 12.93 | 14.15 | 13.38 | 11.18 | 10.78 | 10.67 | 10.81 | 11.81 |
| South Carolina | 15.84 | 15.18 | 13.50 | 12.88 | 12.37 | 10.46 | 10.34 | 9.73 |
| South Dakota | 12.74 | 11.45 | 9.54 | 9.61 | 8.92 | 7.64 | 6.93 | 6.93 |
| Tennessee | 13.30 | 11.35 | 10.54 | 9.80 | 9.79 | 9.33 | [R]8.47 | 8.15 |
| Texas | 12.78 | 12.68 | 11.00 | 10.57 | 9.75 | 8.57 | 6.89 | 7.28 |
| Utah | 9.45 | 7.77 | 6.68 | 6.15 | 6.85 | 6.61 | 7.16 | 6.39 |
| Vermont | 13.07 | 11.69 | 10.28 | 9.60 | 9.29 | 9.23 | 9.33 | 10.39 |
| Virginia | 19.83 | 17.59 | 16.35 | 12.76 | 13.60 | 10.77 | 9.27 | 9.78 |
| Washington | 10.36 | 9.41 | 8.68 | 7.78 | 7.44 | 7.45 | 7.43 | 9.33 |
| West Virginia | 12.59 | 11.62 | 9.87 | 8.86 | 7.26 | 7.80 | 7.74 | 8.44 |
| Wisconsin | 11.45 | 11.29 | 9.27 | 9.39 | 11.45 | 8.64 | 8.23 | 7.35 |
| Wyoming | 12.79 | 9.28 | 7.88 | 6.57 | 5.81 | 5.94 | 5.78 | 5.84 |
| **Total** | **[R]12.57** | **11.91** | **10.63** | **10.05** | **9.61** | **8.44** | **8.07** | **7.91** |

[R] Revised Data.
NA Not Available.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy.

**Sources:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

# Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | July | June | May | April | March |
| Alabama | 10.66 | 9.75 | 8.87 | 11.32 | 11.48 | 10.42 | 11.04 | 10.67 |
| Alaska | NA | 3.36 | 3.56 | NA | 4.42 | 4.35 | 4.34 | 4.44 |
| Arizona | 8.19 | 7.57 | 8.67 | 8.82 | 8.22 | 8.78 | 8.69 | 8.51 |
| Arkansas | 8.48 | 7.22 | 7.07 | 10.62 | 10.67 | 9.64 | 8.82 | 8.15 |
| California | 8.39 | 8.15 | 5.90 | 8.23 | 8.26 | 7.82 | 7.29 | 8.20 |
| Colorado | 7.08 | 5.16 | 5.08 | 8.05 | 7.85 | 7.42 | 7.15 | 7.30 |
| Connecticut | 11.30 | 10.83 | 6.86 | 10.95 | 11.45 | 11.09 | 11.18 | 10.76 |
| Delaware | 10.74 | 8.66 | 9.63 | 12.81 | 12.61 | 12.53 | 11.74 | 10.81 |
| District of Columbia | 12.87 | 12.49 | 10.34 | 13.32 | 13.44 | 13.28 | 13.07 | 12.16 |
| Florida | 11.34 | 11.10 | 7.94 | 11.78 | 11.63 | 11.32 | 11.16 | 11.27 |
| Georgia | 10.45 | 9.99 | 7.99 | 12.50 | 13.50 | 11.95 | 10.86 | 10.36 |
| Hawaii | 20.52 | 19.53 | 17.52 | 21.39 | 21.14 | 21.06 | 20.46 | 20.24 |
| Idaho | 8.03 | 6.26 | 8.33 | 8.70 | 8.27 | 8.26 | 8.21 | 7.94 |
| Illinois | 8.54 | 8.26 | 6.86 | 11.97 | 11.01 | 10.53 | 8.97 | 7.04 |
| Indiana | 8.43 | 8.66 | 6.70 | 10.32 | 10.44 | 9.16 | 9.01 | 8.97 |
| Iowa | 8.31 | 7.70 | 5.11 | 9.83 | 10.86 | 9.90 | 8.40 | 8.43 |
| Kansas | 9.93 | 7.88 | 6.55 | 12.86 | 12.10 | 11.29 | 10.55 | 9.85 |
| Kentucky | 9.80 | 7.98 | 6.94 | 10.79 | 10.96 | 10.54 | 10.27 | 9.77 |
| Louisiana | 9.19 | 8.70 | 6.47 | 9.98 | 9.96 | 9.27 | 8.50 | 8.79 |
| Maine | 12.28 | 10.99 | 9.40 | 10.73 | 10.45 | 9.89 | 12.49 | 12.62 |
| Maryland | 8.96 | 8.10 | 6.88 | 8.79 | 9.10 | 8.83 | 8.59 | 8.66 |
| Massachusetts | 11.66 | 10.79 | 8.57 | 9.33 | 10.52 | 11.39 | 12.16 | 12.17 |
| Michigan | 7.63 | 6.53 | 5.83 | 9.65 | 8.77 | 8.28 | 7.79 | 7.42 |
| Minnesota | 8.12 | 7.76 | 5.09 | 8.54 | 9.10 | 8.50 | 7.59 | 7.55 |
| Mississippi | 8.32 | NA | 6.30 | 8.42 | 8.61 | 8.50 | 9.40 | 8.39 |
| Missouri | 9.73 | 8.26 | 7.14 | 11.23 | 10.81 | 9.96 | 9.90 | 9.68 |
| Montana | 8.78 | 6.48 | 5.53 | 10.97 | 10.33 | 9.64 | 8.95 | 8.64 |
| Nebraska | 7.38 | 6.96 | 4.89 | 8.20 | 7.78 | R7.17 | R6.97 | 7.18 |
| Nevada | 7.84 | 7.22 | 7.75 | 8.87 | 8.22 | 7.78 | 7.88 | 7.82 |
| New Hampshire | NA | 9.66 | 8.87 | NA | NA | NA | NA | 12.38 |
| New Jersey | 10.64 | 8.60 | 5.79 | 11.03 | 10.65 | 9.98 | R9.41 | R10.77 |
| New Mexico | 7.54 | 6.70 | 5.84 | 8.47 | 8.20 | 8.18 | 8.14 | 7.65 |
| New York | 9.61 | 8.96 | 6.38 | 9.43 | 9.59 | 8.80 | 9.33 | 9.91 |
| North Carolina | 9.79 | 9.08 | 6.93 | 9.94 | 10.21 | 9.87 | 9.29 | 9.77 |
| North Dakota | 7.65 | 6.92 | 4.55 | 9.50 | 9.60 | 8.09 | 7.35 | 7.53 |
| Ohio | 8.86 | 8.00 | 6.25 | 9.27 | 9.55 | 9.14 | 8.82 | 8.60 |
| Oklahoma | 9.37 | 7.87 | 6.97 | 10.82 | 10.54 | 10.07 | 9.93 | 9.27 |
| Oregon | 8.54 | 7.68 | 8.11 | 8.67 | 8.55 | 8.08 | 9.12 | 8.69 |
| Pennsylvania | 10.25 | 9.20 | 7.54 | 11.02 | 11.53 | 10.73 | 10.13 | 10.05 |
| Rhode Island | 11.31 | 9.86 | 10.12 | 14.76 | 13.43 | 11.88 | 11.28 | 11.11 |
| South Carolina | 10.18 | 9.94 | 7.79 | 9.97 | 10.04 | 9.96 | 10.18 | 9.87 |
| South Dakota | 7.84 | 7.08 | 5.07 | 9.94 | 9.69 | 8.84 | 7.69 | 8.25 |
| Tennessee | 8.86 | 8.65 | 7.26 | 9.82 | 9.25 | 8.72 | 8.16 | 8.45 |
| Texas | 7.86 | 7.59 | 5.19 | 8.09 | 8.53 | 7.86 | 7.86 | 7.41 |
| Utah | 6.45 | 5.43 | 5.16 | 7.24 | 6.98 | 6.29 | 6.09 | 6.75 |
| Vermont | 8.55 | 7.82 | 8.30 | 8.85 | 8.86 | 8.57 | 8.55 | 8.55 |
| Virginia | 9.87 | 9.45 | 7.03 | 11.06 | 10.87 | 10.23 | 9.78 | 9.37 |
| Washington | NA | 6.91 | 8.69 | NA | NA | NA | NA | 8.37 |
| West Virginia | 9.70 | 7.55 | 7.36 | 11.32 | 11.24 | 10.60 | 9.97 | 9.67 |
| Wisconsin | 8.46 | 8.20 | 5.82 | 9.05 | 9.21 | 8.51 | 8.25 | 8.05 |
| Wyoming | 6.71 | 5.04 | 5.26 | 8.30 | 7.33 | 7.09 | 6.67 | 6.64 |
| **Total** | **9.01** | **8.23** | **6.51** | **9.49** | **9.57** | **9.04** | **R8.92** | **R8.88** |

See footnotes at end of table.

Table 22

# Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2004 | | 2003 | | | | | |
|---|---|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October | September | August |
| Alabama | 10.39 | 10.48 | [R]10.15 | 10.80 | 11.49 | 10.97 | 11.59 | 10.91 |
| Alaska | 4.54 | 4.40 | NA | 3.83 | 3.73 | NA | 3.24 | 3.16 |
| Arizona | 7.02 | 8.19 | 7.75 | 8.12 | 8.24 | 7.97 | 7.89 | 7.81 |
| Arkansas | 7.81 | 7.94 | 7.67 | 8.34 | 8.74 | 8.77 | 9.29 | 9.48 |
| California | 8.88 | 9.37 | 8.05 | 8.43 | 7.64 | 7.55 | 7.93 | 7.57 |
| Colorado | 6.66 | 6.88 | 5.83 | 6.68 | 6.92 | 7.23 | 6.59 | 6.92 |
| Connecticut | 11.73 | 11.44 | 10.49 | 10.02 | 10.08 | 10.03 | 7.63 | 10.63 |
| Delaware | 11.14 | 9.08 | 8.93 | 9.83 | 8.71 | 10.16 | 9.65 | 9.63 |
| District of Columbia | 12.88 | 12.95 | 12.26 | 12.31 | 11.86 | 11.25 | 10.82 | 11.35 |
| Florida | 11.29 | 11.16 | 10.91 | 10.74 | 10.36 | 9.98 | 10.61 | 11.11 |
| Georgia | 10.07 | 9.24 | 9.75 | 8.17 | 9.40 | 10.23 | 10.98 | 11.95 |
| Hawaii | 19.88 | 19.54 | 19.52 | 19.32 | 19.64 | 19.82 | 19.40 | 19.31 |
| Idaho | 7.92 | 7.89 | 6.91 | 7.93 | 8.23 | 8.31 | 8.34 | 8.42 |
| Illinois | 8.28 | 8.54 | 8.28 | 7.84 | 8.25 | 8.39 | 9.14 | 10.16 |
| Indiana | 7.51 | 8.22 | 8.45 | 7.63 | 7.83 | 8.81 | 8.14 | 9.78 |
| Iowa | 7.77 | 7.81 | 7.72 | 8.13 | 7.42 | 6.74 | 8.47 | 8.13 |
| Kansas | 9.75 | 9.01 | 8.45 | 9.19 | 10.08 | 10.90 | 11.40 | 11.18 |
| Kentucky | 9.55 | 9.44 | 8.65 | 9.51 | 9.75 | 11.15 | 11.16 | 11.36 |
| Louisiana | 9.15 | 9.31 | 8.82 | 9.38 | 9.56 | 8.82 | 8.63 | 8.54 |
| Maine | 12.98 | 12.58 | 11.36 | 12.29 | 12.83 | 11.68 | 11.23 | 11.43 |
| Maryland | 9.01 | 9.41 | 8.09 | 8.40 | 8.35 | 7.31 | 7.96 | 7.94 |
| Massachusetts | 12.55 | 10.88 | NA | NA | 10.47 | 10.36 | 12.74 | 11.35 |
| Michigan | 7.47 | 7.33 | 6.89 | 7.40 | 7.81 | 7.53 | 8.74 | 8.49 |
| Minnesota | 8.30 | 8.22 | 7.60 | 7.56 | 7.23 | 6.69 | 7.37 | 7.47 |
| Mississippi | 7.64 | 8.21 | NA | 7.25 | 6.65 | 6.43 | 6.03 | 6.78 |
| Missouri | 9.57 | 9.36 | 8.65 | 9.31 | 9.77 | 9.54 | 10.35 | 10.47 |
| Montana | 8.50 | 8.09 | 7.04 | 7.66 | 7.72 | 8.42 | 9.14 | 9.29 |
| Nebraska | 7.50 | 7.38 | 6.83 | 6.67 | 6.29 | 6.49 | 6.80 | 6.78 |
| Nevada | 7.65 | 7.51 | 7.25 | 7.24 | 7.45 | 7.32 | 7.28 | 7.25 |
| New Hampshire | 12.09 | 11.56 | NA | NA | 11.95 | 11.77 | 13.01 | 12.03 |
| New Jersey | [R]11.06 | [R]10.79 | NA | 7.26 | 6.25 | NA | 5.91 | 6.14 |
| New Mexico | 7.43 | 6.67 | 6.74 | 6.46 | 6.89 | 7.13 | 6.96 | 7.69 |
| New York | 9.94 | 9.65 | 8.79 | 9.34 | 8.61 | 7.99 | 7.91 | 7.80 |
| North Carolina | 9.49 | 10.16 | NA | NA | 11.19 | NA | 11.06 | 11.33 |
| North Dakota | 7.74 | 7.20 | 6.99 | 7.17 | 6.84 | 6.85 | 8.04 | 7.55 |
| Ohio | 8.86 | 8.82 | 8.11 | 8.59 | 8.07 | 8.10 | 8.45 | 8.37 |
| Oklahoma | 9.01 | 9.05 | 8.26 | 8.89 | 10.00 | 9.91 | 9.99 | 9.98 |
| Oregon | 8.52 | 8.32 | 7.90 | 8.45 | 8.47 | 8.22 | 8.01 | 8.02 |
| Pennsylvania | 10.04 | 10.08 | 9.33 | 9.70 | 9.45 | 9.47 | 9.81 | 9.61 |
| Rhode Island | 10.83 | 10.96 | 10.34 | 11.15 | 11.40 | 11.92 | 13.60 | 12.80 |
| South Carolina | 10.42 | 10.37 | 9.97 | 9.98 | 10.67 | 9.65 | 9.81 | 9.86 |
| South Dakota | 7.32 | 7.37 | 7.12 | 7.59 | 6.64 | 6.77 | 7.79 | 7.92 |
| Tennessee | 9.23 | 8.85 | [R]8.84 | 9.36 | 8.96 | 10.19 | 8.49 | 8.99 |
| Texas | 7.73 | 7.87 | 7.66 | 7.99 | 8.24 | 7.65 | 7.58 | 7.21 |
| Utah | 6.37 | 6.39 | 5.95 | 6.75 | 6.70 | 6.54 | 7.15 | 7.09 |
| Vermont | 8.47 | 8.51 | 8.00 | 8.55 | 8.43 | 8.41 | 8.24 | 8.19 |
| Virginia | 9.96 | 9.65 | 9.44 | 9.22 | 9.25 | 9.19 | 10.47 | 10.16 |
| Washington | 8.31 | [R]8.33 | 7.36 | 8.19 | 8.37 | 8.06 | 7.83 | 8.04 |
| West Virginia | 9.45 | 9.30 | 8.08 | 9.16 | 9.74 | 9.19 | 8.56 | 9.37 |
| Wisconsin | 8.57 | 8.50 | 8.02 | 7.91 | 7.47 | 7.05 | 7.98 | 8.24 |
| Wyoming | 6.50 | 6.39 | 5.74 | 6.66 | 6.58 | 6.94 | 7.48 | 7.68 |
| **Total** | **[R]8.98** | **[R]8.91** | **8.26** | **8.44** | **8.24** | **8.17** | **8.34** | **8.35** |

See footnotes at end of table.

# Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2003 | | | | | | | 2002 |
|---|---|---|---|---|---|---|---|---|
| | July | June | May | April | March | February | January | Total |
| Alabama | [R]11.25 | 11.05 | 11.30 | 11.56 | 10.00 | 8.80 | 8.70 | 8.94 |
| Alaska | 3.05 | 2.89 | 3.22 | 3.29 | 3.79 | 3.77 | 3.39 | 3.41 |
| Arizona | 7.56 | 7.58 | 7.56 | 7.35 | 7.71 | 7.63 | 7.59 | 8.42 |
| Arkansas | 9.47 | 9.72 | 9.69 | 8.48 | 7.03 | 6.09 | 6.20 | 7.05 |
| California | 7.85 | 7.79 | 7.37 | 8.72 | 8.73 | 8.18 | 8.17 | 6.07 |
| Colorado | 7.00 | 6.81 | 6.68 | 6.72 | 5.10 | 4.06 | 4.16 | 4.82 |
| Connecticut | 7.08 | 11.02 | 11.95 | 11.85 | 13.35 | 9.57 | 10.08 | 7.18 |
| Delaware | 9.49 | 10.28 | 9.93 | 9.12 | 9.29 | 8.26 | 7.61 | 9.41 |
| District of Columbia | 11.60 | 11.80 | 11.63 | 12.28 | 13.41 | 12.13 | 12.71 | 10.30 |
| Florida | 11.51 | 11.71 | 11.71 | 11.70 | 12.54 | 10.15 | 9.56 | 8.17 |
| Georgia | 11.94 | 12.15 | 11.16 | 11.05 | 11.61 | 9.55 | 8.09 | 8.10 |
| Hawaii | 19.13 | 19.97 | 20.63 | 20.34 | 19.55 | 18.65 | 18.59 | 17.81 |
| Idaho | 7.70 | 6.64 | 6.44 | 6.42 | 6.09 | 6.05 | 6.03 | 7.73 |
| Illinois | 10.89 | 11.08 | 9.81 | 9.21 | 9.50 | 7.21 | 7.00 | 7.46 |
| Indiana | 10.23 | 10.67 | 9.58 | 10.18 | 9.79 | 7.82 | 7.71 | 6.83 |
| Iowa | 9.67 | 9.14 | 8.34 | 8.50 | 8.50 | 6.97 | 6.82 | 5.51 |
| Kansas | 10.87 | 9.63 | 9.92 | 9.52 | 7.67 | 7.29 | 6.80 | 6.51 |
| Kentucky | 10.64 | 10.49 | 10.22 | 9.54 | 8.11 | 7.30 | 7.00 | 7.02 |
| Louisiana | 8.94 | 9.22 | 8.72 | 8.44 | 9.82 | 8.30 | 8.08 | 6.79 |
| Maine | 11.58 | 11.41 | 12.17 | 11.53 | 11.11 | 11.01 | 10.13 | 9.55 |
| Maryland | 8.00 | 8.23 | 8.32 | 8.22 | 8.95 | 7.85 | 7.58 | 6.84 |
| Massachusetts | 10.95 | 10.65 | 11.53 | 13.18 | 11.57 | 10.76 | 8.80 | 8.81 |
| Michigan | 8.97 | 8.23 | 7.34 | 6.92 | 6.55 | 6.07 | 6.03 | 5.97 |
| Minnesota | 7.43 | 8.61 | 7.27 | 7.29 | 10.22 | 7.28 | 6.64 | 5.57 |
| Mississippi | 7.62 | 7.66 | 7.65 | 7.56 | [NA] | 7.78 | 7.52 | 6.45 |
| Missouri | 10.30 | 10.26 | 9.60 | 8.95 | 8.18 | 7.81 | 7.53 | 7.34 |
| Montana | 9.09 | 7.62 | 6.84 | 6.99 | 6.37 | 6.10 | 5.87 | 5.37 |
| Nebraska | 7.13 | 7.18 | 6.46 | 7.48 | 8.09 | 6.58 | 6.13 | 5.11 |
| Nevada | 7.24 | 7.16 | 7.21 | 7.34 | 7.06 | 7.34 | 7.19 | 7.71 |
| New Hampshire | 13.23 | 14.09 | 11.39 | 9.73 | 9.26 | 9.04 | 8.92 | 8.51 |
| New Jersey | 9.15 | 8.42 | 13.38 | 7.71 | 9.98 | 8.09 | 7.57 | 6.26 |
| New Mexico | 7.88 | 6.94 | 6.76 | 7.68 | 7.25 | 6.28 | 5.75 | 6.19 |
| New York | 8.27 | 9.15 | 9.48 | 9.70 | 10.01 | 8.53 | 8.03 | 6.43 |
| North Carolina | 11.27 | 11.18 | 10.73 | 10.13 | 9.41 | 8.07 | 8.02 | 7.25 |
| North Dakota | 8.31 | 8.03 | 7.13 | 6.89 | 8.80 | 6.25 | 5.78 | 4.54 |
| Ohio | 8.77 | 8.90 | 8.39 | 9.13 | 8.25 | 7.89 | 7.14 | 6.45 |
| Oklahoma | 10.40 | 9.87 | 9.46 | 8.58 | 7.73 | 7.63 | 6.87 | 6.95 |
| Oregon | 7.92 | 7.36 | 7.32 | 7.72 | 7.77 | 7.74 | 7.76 | 7.86 |
| Pennsylvania | 9.96 | 10.24 | 10.47 | 9.73 | 9.52 | 8.92 | 8.29 | 7.75 |
| Rhode Island | 10.77 | 11.88 | 10.46 | 10.90 | 9.35 | 9.35 | 9.43 | 10.06 |
| South Carolina | 9.87 | 10.25 | 9.91 | 10.73 | 11.37 | 9.52 | 8.90 | 7.92 |
| South Dakota | 8.46 | 8.37 | 7.39 | 7.90 | 7.89 | 6.60 | 6.05 | 5.26 |
| Tennessee | 9.32 | 8.74 | 7.93 | 8.77 | 9.61 | 8.51 | [R]8.10 | 7.37 |
| Texas | 7.51 | 7.88 | 7.59 | 7.89 | 8.68 | 7.90 | 6.31 | 5.49 |
| Utah | 7.13 | 5.54 | 4.98 | 4.76 | 5.57 | 5.34 | 5.66 | 5.20 |
| Vermont | 8.29 | 8.07 | 7.89 | 7.81 | 7.74 | 7.78 | 7.79 | 8.20 |
| Virginia | 11.12 | 10.09 | 10.73 | 9.93 | 11.28 | 9.16 | 7.76 | 7.20 |
| Washington | 7.88 | 7.62 | 7.40 | 6.71 | 6.68 | 6.69 | 6.67 | 8.24 |
| West Virginia | 8.92 | 9.26 | 8.76 | 8.44 | 7.39 | 7.17 | 7.13 | 7.38 |
| Wisconsin | 8.26 | 8.65 | 7.57 | 8.17 | 10.29 | 7.66 | 7.30 | 6.11 |
| Wyoming | 7.90 | 6.59 | 5.55 | 4.65 | 4.88 | 4.66 | 4.59 | 5.03 |
| **Total** | **[R]8.69** | **8.88** | **8.73** | **8.76** | **8.96** | **7.83** | **[R]7.36** | **6.64** |

[R] Revised Data.
[NA] Not Available.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Table 23

# Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | July | June | May | April | March |
| Alabama | 7.24 | 6.98 | 5.35 | 7.40 | 7.62 | 7.21 | 6.86 | 6.79 |
| Alaska | 2.07 | 1.75 | 1.65 | 2.24 | 2.06 | 1.92 | 2.12 | 2.06 |
| Arizona | 7.22 | 6.48 | 6.70 | 7.60 | 7.35 | 7.69 | 6.86 | 7.65 |
| Arkansas | 7.49 | 6.37 | 5.58 | 7.97 | 7.90 | 7.64 | 7.33 | 6.76 |
| California | 7.61 | 7.28 | 4.79 | 7.73 | 7.50 | 7.17 | 6.68 | 7.68 |
| Colorado | NA | 3.70 | 4.90 | 6.48 | 6.57 | 6.58 | 6.62 | 7.05 |
| Connecticut | NA | 7.71 | 4.80 | 7.50 | 7.81 | 7.66 | 7.90 | 8.41 |
| Delaware | 7.35 | 6.38 | 6.23 | 8.50 | 7.55 | 7.37 | 7.35 | 6.84 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 8.69 | 6.46 | 5.29 | 9.91 | 9.09 | 8.49 | 8.51 | 8.88 |
| Georgia | 7.66 | 7.26 | 4.60 | 7.99 | 8.12 | 7.35 | 7.04 | 6.96 |
| Hawaii | 12.65 | 11.61 | 9.90 | 13.20 | 13.31 | 13.18 | 12.29 | 12.14 |
| Idaho | 6.65 | 5.48 | 7.73 | 7.00 | 6.58 | 6.60 | 6.54 | 6.62 |
| Illinois | 7.78 | 7.29 | 4.62 | 7.92 | 8.62 | 8.04 | 6.89 | 7.58 |
| Indiana | 9.21 | 8.77 | 6.01 | 6.51 | 9.59 | 7.38 | 10.29 | 7.91 |
| Iowa | 7.16 | 6.72 | 5.01 | 7.24 | 8.35 | 7.90 | 6.99 | 6.82 |
| Kansas | 6.52 | 6.25 | 3.57 | 6.67 | 6.58 | 5.98 | 5.97 | 6.55 |
| Kentucky | 7.28 | 6.77 | 4.47 | 7.32 | 7.43 | 6.89 | 6.75 | 7.01 |
| Louisiana | 6.21 | 5.91 | 3.41 | 6.31 | 6.86 | 6.29 | 5.79 | 5.58 |
| Maine | 10.43 | 10.22 | 8.26 | 9.05 | 10.34 | 9.39 | 9.87 | 10.47 |
| Maryland | 10.35 | 10.08 | 7.41 | 12.07 | 11.19 | 10.37 | 10.34 | 10.41 |
| Massachusetts | 11.28 | 10.12 | 7.22 | 9.68 | 10.91 | 11.68 | 12.04 | 11.57 |
| Michigan | 6.70 | 5.32 | 5.03 | 8.08 | 7.57 | 6.52 | 6.43 | 6.46 |
| Minnesota | 6.40 | 6.20 | 3.91 | 6.29 | 6.82 | 6.38 | 5.96 | 6.07 |
| Mississippi | 7.01 | 6.51 | 4.23 | 6.86 | 7.27 | 6.64 | 5.42 | 6.07 |
| Missouri | 8.65 | 7.80 | 5.74 | 9.44 | 8.95 | 8.48 | 8.54 | 8.15 |
| Montana | 8.16 | 4.92 | 2.70 | 8.19 | 7.96 | 7.76 | 9.04 | 8.51 |
| Nebraska | 6.43 | 5.87 | 4.08 | 7.15 | 7.05 | 6.36 | 6.07 | 6.02 |
| Nevada | 8.38 | 8.74 | 7.36 | 8.84 | 8.50 | 8.25 | 8.29 | 8.67 |
| New Hampshire | NA | 8.86 | 7.82 | NA | NA | NA | NA | 13.32 |
| New Jersey | 8.56 | 7.16 | 4.59 | 8.15 | 8.27 | 7.83 | 7.03 | 8.53 |
| New Mexico | 7.42 | 6.29 | 4.06 | 7.54 | 7.37 | 6.90 | 8.19 | 7.22 |
| New York | 8.41 | 8.05 | 5.60 | 7.95 | 7.94 | 7.68 | 8.38 | 8.71 |
| North Carolina | 7.62 | NA | 4.56 | 7.81 | 7.78 | 6.74 | 6.57 | 7.48 |
| North Dakota | 6.08 | 5.51 | 3.98 | 6.82 | 6.64 | 6.04 | 5.66 | 6.02 |
| Ohio | 9.17 | 8.00 | 5.50 | 9.45 | 9.83 | 9.48 | 8.80 | 9.18 |
| Oklahoma | NA | 7.24 | 6.63 | 9.31 | 11.07 | 9.03 | NA | 8.86 |
| Oregon | 5.91 | 5.94 | 7.25 | 5.90 | 5.96 | 5.49 | 5.96 | 6.01 |
| Pennsylvania | 8.95 | 8.41 | 6.41 | 8.79 | 8.63 | 8.33 | 8.77 | 8.45 |
| Rhode Island | 9.31 | 7.74 | 4.47 | 10.11 | 9.92 | 9.31 | 9.19 | 9.15 |
| South Carolina | 7.48 | 7.33 | 4.12 | 7.67 | 8.18 | 7.51 | 6.89 | 6.73 |
| South Dakota | 6.10 | 5.57 | 4.21 | 5.91 | 5.93 | 5.88 | 5.76 | 6.22 |
| Tennessee | 6.06 | 6.32 | 5.27 | 5.77 | 5.89 | 5.91 | 5.82 | 5.90 |
| Texas | 5.80 | 5.89 | 3.18 | 6.08 | 6.55 | 6.01 | 5.50 | 5.09 |
| Utah | 5.77 | 4.69 | 4.40 | 5.66 | 5.98 | 5.59 | 5.53 | 5.75 |
| Vermont | 5.73 | 4.93 | 4.33 | 5.61 | 5.85 | 5.48 | 5.53 | 5.51 |
| Virginia | 7.74 | 7.40 | 4.86 | 8.15 | 7.90 | 7.48 | 6.80 | 8.30 |
| Washington | NA | 5.61 | 4.98 | NA | NA | NA | R7.00 | 7.08 |
| West Virginia | 7.36 | NA | 3.95 | 7.56 | 8.34 | 7.51 | 6.76 | 6.42 |
| Wisconsin | 7.74 | 7.60 | 5.00 | 7.98 | 8.58 | 7.50 | 7.27 | 6.88 |
| Wyoming | 6.02 | 6.12 | 4.34 | 7.10 | 6.95 | 6.89 | 5.26 | 5.22 |
| **Total** | **6.30** | **6.19** | **3.84** | **6.24** | **6.70** | **6.27** | **5.93** | **5.86** |

See footnotes at end of table.

# Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2004 | | 2003 | | | | | |
|---|---|---|---|---|---|---|---|---|
| | February | January | Total | December | November | October | September | August |
| Alabama | 7.36 | 7.49 | 6.66 | 6.68 | 5.91 | 5.94 | 6.15 | 6.07 |
| Alaska | 2.09 | 1.92 | 1.81 | 1.84 | 1.95 | 1.91 | 1.87 | 1.87 |
| Arizona | 6.74 | 7.06 | 6.52 | 6.31 | 6.71 | 6.27 | 7.15 | 6.53 |
| Arkansas | 7.17 | 7.98 | 6.90 | 7.72 | 7.56 | 7.71 | 7.09 | 7.44 |
| California | 7.84 | 8.52 | 7.21 | 7.51 | 6.91 | 6.95 | 7.19 | 6.95 |
| Colorado | NA | 9.05 | 3.89 | 8.04 | 6.95 | 5.47 | 3.49 | 3.44 |
| Connecticut | 8.90 | NA | 7.23 | 7.23 | 6.31 | 6.36 | 6.55 | 6.25 |
| Delaware | 7.99 | 6.46 | 6.45 | 6.84 | 6.16 | 6.03 | 7.36 | 6.79 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 8.40 | 8.08 | 7.00 | 7.88 | 7.45 | 8.09 | 8.25 | 8.36 |
| Georgia | 8.06 | 8.04 | R6.84 | 6.62 | R6.39 | R6.17 | R5.92 | R5.93 |
| Hawaii | 12.37 | 12.10 | 11.82 | 11.93 | 12.17 | 12.29 | 12.15 | 12.14 |
| Idaho | 6.65 | 6.64 | 5.89 | 6.40 | 6.55 | 6.38 | 6.35 | 6.50 |
| Illinois | 8.05 | 7.76 | 7.21 | 7.42 | 6.67 | 6.88 | 7.17 | 7.25 |
| Indiana | 9.90 | 11.12 | NA | NA | 6.72 | NA | 6.18 | 8.82 |
| Iowa | 6.70 | 7.19 | 6.56 | 7.26 | 6.35 | 5.97 | 6.23 | 5.20 |
| Kansas | 8.38 | 7.60 | 5.92 | 6.62 | 6.01 | 5.63 | 5.37 | 5.40 |
| Kentucky | 7.55 | 7.73 | 6.68 | 7.05 | 6.54 | 6.28 | 6.53 | 6.16 |
| Louisiana | 5.96 | 6.58 | 5.55 | 5.50 | 4.95 | 5.01 | 5.11 | 4.88 |
| Maine | 11.76 | 10.85 | 10.23 | 10.21 | 11.02 | 10.12 | 9.14 | 10.29 |
| Maryland | 10.81 | 9.16 | 9.57 | 7.49 | 9.56 | 8.71 | 9.17 | 12.03 |
| Massachusetts | 11.81 | 10.34 | NA | NA | 9.49 | NA | 10.32 | 9.75 |
| Michigan | 6.79 | 6.63 | 5.60 | 6.57 | 5.54 | 6.12 | 6.74 | 6.81 |
| Minnesota | 6.72 | 6.59 | 5.90 | 5.91 | 5.46 | 5.18 | 5.49 | 5.51 |
| Mississippi | 8.36 | 8.19 | 6.54 | 6.51 | 7.28 | 6.56 | 6.76 | 5.91 |
| Missouri | 8.91 | 8.52 | 8.00 | 8.40 | 8.43 | 8.46 | 8.30 | 8.35 |
| Montana | 8.13 | 7.90 | NA | 7.43 | 7.49 | NA | NA | NA |
| Nebraska | 6.36 | 6.38 | 5.74 | 5.62 | 5.33 | 5.44 | 5.56 | 5.78 |
| Nevada | 8.25 | 8.23 | 8.68 | 8.38 | 8.38 | 8.77 | 8.82 | 8.94 |
| New Hampshire | 11.18 | 9.35 | NA | NA | 10.84 | 10.02 | 10.76 | 10.74 |
| New Jersey | 9.83 | 9.13 | NA | 6.51 | 5.47 | NA | 5.73 | 5.91 |
| New Mexico | 7.62 | 7.13 | 6.14 | 5.98 | 6.09 | 5.93 | 5.56 | 6.18 |
| New York | 9.08 | 8.32 | 7.82 | 7.92 | 7.06 | 7.38 | 7.41 | 7.04 |
| North Carolina | 8.18 | 8.11 | NA | 7.16 | 6.91 | 5.40 | 6.46 | 5.64 |
| North Dakota | 6.58 | 5.69 | 5.60 | 6.22 | 5.16 | 4.87 | 4.65 | 5.80 |
| Ohio | 8.97 | 9.24 | 8.32 | 9.13 | 9.17 | 9.21 | 9.59 | 8.66 |
| Oklahoma | 8.33 | 8.83 | 7.44 | 8.00 | 8.44 | 7.74 | 8.23 | 7.98 |
| Oregon | 6.03 | 5.95 | 5.84 | 5.90 | 5.82 | 5.70 | 5.57 | 5.70 |
| Pennsylvania | 9.52 | 9.56 | 8.11 | 8.42 | 7.21 | 7.35 | 7.40 | 6.87 |
| Rhode Island | 9.01 | 9.08 | R8.19 | R9.18 | 8.92 | 9.10 | 8.64 | 8.62 |
| South Carolina | 7.60 | 7.88 | 6.96 | 6.94 | 6.17 | 6.17 | 6.51 | 6.34 |
| South Dakota | 6.25 | 6.45 | 5.70 | 6.16 | 5.83 | 5.68 | 5.88 | 5.87 |
| Tennessee | 6.43 | 6.51 | 5.83 | 5.83 | 4.93 | 4.97 | 5.08 | 4.71 |
| Texas | 5.40 | 5.79 | 5.39 | 5.05 | 4.49 | 4.48 | 4.98 | 4.96 |
| Utah | 5.92 | 5.94 | 5.03 | 5.74 | 5.51 | 5.27 | 5.56 | 5.49 |
| Vermont | 6.04 | 6.12 | 5.08 | 5.90 | 5.45 | 4.90 | 4.78 | 4.84 |
| Virginia | 8.26 | 7.34 | 6.72 | 6.89 | 5.48 | 4.88 | 6.03 | 4.43 |
| Washington | 7.22 | R7.22 | 6.06 | 7.09 | 6.98 | 6.58 | 6.33 | 6.48 |
| West Virginia | 7.26 | 7.65 | NA | 6.33 | 5.92 | 5.73 | 6.03 | 5.76 |
| Wisconsin | 8.12 | 8.09 | 7.33 | 7.12 | 7.18 | 6.11 | 6.90 | 6.67 |
| Wyoming | 5.26 | 5.35 | 6.72 | 7.91 | 7.97 | 7.73 | 7.27 | 7.32 |
| **Total** | **6.39** | **6.64** | **R5.79** | **5.78** | **5.15** | **4.80** | **5.30** | **5.22** |

See footnotes at end of table.

Table 23

# Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2003 | | | | | | | 2002 |
|---|---|---|---|---|---|---|---|---|
| | July | June | May | April | March | February | January | Total |
| Alabama | 6.01 | 6.95 | 6.59 | 6.63 | 8.91 | 6.83 | 6.69 | 5.22 |
| Alaska | 1.95 | 1.78 | 1.63 | 1.69 | 1.70 | 1.82 | 1.72 | 1.63 |
| Arizona | 6.68 | 6.25 | 6.48 | 5.97 | 6.82 | 5.71 | 7.37 | 6.49 |
| Arkansas | 7.02 | 7.32 | 7.20 | 6.58 | 6.41 | 5.59 | 5.66 | 5.64 |
| California | 6.94 | 7.04 | 6.67 | 7.87 | 7.77 | 7.18 | 7.36 | 4.93 |
| Colorado | 3.49 | 3.71 | 3.62 | 3.60 | 4.14 | 7.16 | 6.21 | 4.79 |
| Connecticut | 6.83 | 7.32 | 6.76 | 8.22 | 8.81 | 8.11 | 7.38 | 4.97 |
| Delaware | 6.46 | 6.87 | 6.80 | 6.80 | 7.24 | 5.88 | 5.40 | 6.16 |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 7.27 | 6.80 | 7.16 | 7.30 | 5.74 | 6.19 | 5.46 | 5.35 |
| Georgia | R6.70 | R7.40 | R6.51 | R6.78 | R9.54 | R7.16 | R6.64 | 4.85 |
| Hawaii | 11.82 | 12.19 | 12.35 | 12.15 | 11.35 | 10.92 | 10.62 | 10.17 |
| Idaho | 6.40 | 5.21 | 5.24 | 5.26 | 5.41 | 5.37 | 5.56 | 6.90 |
| Illinois | 8.09 | 8.22 | 6.61 | 7.35 | 8.76 | 6.84 | 6.26 | 4.97 |
| Indiana | 9.60 | 10.71 | 8.05 | 10.36 | 11.23 | 8.04 | 7.07 | 5.48 |
| Iowa | 7.33 | 6.97 | 6.72 | 5.62 | 7.78 | 6.31 | 6.47 | 5.58 |
| Kansas | 5.81 | 6.41 | 5.76 | 7.20 | 7.50 | 6.58 | 6.90 | 3.61 |
| Kentucky | 6.68 | 6.99 | 6.53 | 6.49 | 8.84 | 6.40 | 5.89 | 4.63 |
| Louisiana | 5.54 | 6.10 | 5.36 | 5.38 | 8.03 | 6.00 | 5.17 | 3.70 |
| Maine | 9.96 | 9.83 | 10.77 | 10.80 | 9.98 | 9.95 | 10.32 | 8.44 |
| Maryland | 9.63 | 11.69 | 10.92 | 11.40 | 11.36 | 8.61 | 8.40 | 7.42 |
| Massachusetts | 9.50 | 8.78 | 10.95 | 11.87 | 10.56 | 10.02 | 8.87 | 7.35 |
| Michigan | 5.42 | 6.65 | 5.81 | 5.59 | 5.47 | 5.02 | 4.87 | 4.83 |
| Minnesota | 6.04 | 6.03 | 5.60 | 5.73 | 8.91 | 5.85 | 5.36 | 4.14 |
| Mississippi | 6.03 | 6.60 | 6.03 | 5.51 | 8.68 | 6.90 | 5.60 | 4.53 |
| Missouri | 7.35 | 8.09 | 8.54 | 9.53 | 7.79 | 7.47 | 7.05 | 6.02 |
| Montana | 6.70 | 5.19 | 4.99 | 4.61 | 5.03 | 4.81 | 4.70 | 2.75 |
| Nebraska | 6.21 | 5.47 | 6.23 | 6.16 | 6.80 | 5.45 | 5.11 | 4.25 |
| Nevada | 8.87 | 9.24 | 8.83 | 8.72 | 8.94 | 8.64 | 8.39 | 7.69 |
| New Hampshire | 11.56 | 10.71 | 9.30 | 8.51 | 8.38 | 8.26 | 8.39 | 7.38 |
| New Jersey | 7.21 | 6.65 | 4.28 | 8.50 | 8.78 | 7.63 | 6.38 | 4.91 |
| New Mexico | 6.69 | 5.93 | 5.72 | 6.81 | 6.96 | 6.10 | 5.60 | 4.29 |
| New York | 7.65 | 7.54 | 7.64 | 9.46 | 8.92 | 7.94 | 7.05 | 5.53 |
| North Carolina | 6.09 | 6.94 | 5.79 | NA | 6.63 | 5.84 | 5.37 | 4.91 |
| North Dakota | 5.25 | 5.18 | 5.08 | 5.47 | 8.32 | 6.14 | 4.58 | 4.05 |
| Ohio | 10.15 | 9.36 | 8.58 | 8.78 | 8.37 | 7.58 | 6.88 | 5.67 |
| Oklahoma | 7.91 | 7.80 | 9.19 | 7.82 | 6.71 | 7.16 | 6.48 | 6.28 |
| Oregon | 5.89 | 5.88 | 5.59 | 6.04 | 6.14 | 6.20 | 5.88 | 6.98 |
| Pennsylvania | 8.03 | 8.18 | 7.93 | 8.28 | 9.82 | 8.05 | 8.08 | 6.29 |
| Rhode Island | 7.80 | 8.59 | 7.88 | 8.70 | 7.18 | 7.30 | 7.24 | 4.84 |
| South Carolina | 6.93 | 7.59 | 6.61 | 7.00 | 9.87 | 7.11 | 6.65 | 4.49 |
| South Dakota | 5.99 | 5.33 | 5.15 | 5.80 | 6.76 | 5.10 | 4.80 | 4.28 |
| Tennessee | 5.28 | 5.48 | 5.17 | 6.05 | 7.56 | 7.05 | 6.83 | 5.34 |
| Texas | 5.45 | 6.43 | 5.39 | 5.13 | 8.35 | 5.93 | 4.96 | 3.40 |
| Utah | 5.71 | 4.96 | 4.48 | 4.38 | 5.08 | 4.30 | 4.31 | 3.91 |
| Vermont | 4.88 | 4.95 | 4.78 | 5.15 | 5.04 | 4.67 | 4.92 | 4.39 |
| Virginia | 6.17 | 6.82 | 6.94 | 6.66 | 9.86 | 8.45 | 6.33 | 4.59 |
| Washington | 6.72 | 6.78 | 5.82 | 6.04 | 5.87 | 4.43 | 5.06 | 4.81 |
| West Virginia | 6.42 | 7.20 | 6.36 | 6.17 | NA | 8.18 | 6.32 | 4.20 |
| Wisconsin | 7.28 | 7.78 | 6.93 | 7.45 | 10.07 | 6.98 | 6.62 | 5.23 |
| Wyoming | 7.24 | 7.27 | 6.05 | 5.65 | 5.88 | 5.79 | 5.86 | 4.21 |
| **Total** | **5.63** | **R6.39** | **R5.62** | **R5.90** | **R8.09** | **6.27** | **5.54** | **4.02** |

R Revised Data.
NA Not Available.
— Not Applicable.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers reflect onsystem sales prices only. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

# Table 24. Average Price of Natural Gas Sold to Electric Power[a] Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet)

| State | YTD 2004 | YTD 2003 | YTD 2002 | 2004 | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | June | May | April | March | February |
| Alabama | NA | W | W | NA | 6.84 | 6.12 | W | W |
| Alaska | NA | 2.05 | W | NA | 2.80 | 2.85 | 2.81 | 2.78 |
| Arizona | NA | W | 2.96 | NA | 6.00 | 5.82 | 5.18 | 5.37 |
| Arkansas | NA | 5.81 | W | NA | 6.73 | W | 5.76 | 5.65 |
| California | NA | 5.60 | 3.62 | NA | 6.10 | 5.72 | 5.30 | 5.59 |
| Colorado | NA | 4.49 | 2.67 | NA | 5.49 | 4.37 | 4.41 | 5.62 |
| Connecticut | NA | W | 3.64 | NA | 6.85 | 6.35 | 6.44 | 7.28 |
| Delaware | NA | W | W | NA | W | W | W | W |
| District of Columbia | NA | — | — | NA | — | — | — | — |
| Florida | NA | 6.27 | 3.85 | NA | 6.55 | 6.07 | 6.02 | 6.04 |
| Georgia | NA | W | 3.76 | NA | 7.04 | 6.26 | W | 5.82 |
| Hawaii | NA | — | — | NA | — | — | — | — |
| Idaho | NA | W | W | NA | W | — | W | W |
| Illinois | NA | 6.32 | 3.37 | NA | 6.62 | 6.13 | 5.90 | 6.31 |
| Indiana | NA | W | W | NA | 6.47 | W | W | W |
| Iowa | NA | W | 3.64 | NA | 7.29 | 6.45 | 6.73 | 7.59 |
| Kansas | NA | 6.01 | 3.01 | NA | 5.67 | 5.26 | 4.83 | 5.38 |
| Kentucky | NA | W | W | NA | W | W | W | W |
| Louisiana | NA | W | W | NA | 6.87 | W | 5.99 | 6.24 |
| Maine | NA | W | 3.62 | NA | 6.75 | 6.25 | 5.88 | 7.56 |
| Maryland | NA | W | 3.95 | NA | 6.40 | W | W | 5.14 |
| Massachusetts | NA | 6.00 | 3.16 | NA | 6.51 | 6.07 | 6.03 | 6.25 |
| Michigan | NA | W | 3.50 | NA | 4.56 | W | 4.11 | W |
| Minnesota | NA | W | W | NA | W | W | W | W |
| Mississippi | NA | W | W | NA | 6.66 | W | 5.70 | 5.74 |
| Missouri | NA | W | W | NA | W | W | W | W |
| Montana | NA | W | W | NA | W | W | W | W |
| Nebraska | NA | 6.89 | 3.61 | NA | 6.69 | 6.05 | 6.40 | 5.96 |
| Nevada | NA | 5.25 | 4.83 | NA | 6.04 | 5.50 | 5.08 | 5.32 |
| New Hampshire | NA | — | 3.57 | NA | 5.67 | 6.34 | 6.12 | 7.95 |
| New Jersey | NA | 7.06 | 3.89 | NA | 7.33 | 6.72 | 6.54 | 7.03 |
| New Mexico | NA | W | W | NA | W | W | W | W |
| New York | NA | 6.86 | 3.75 | NA | 6.81 | 6.29 | 6.16 | 6.77 |
| North Carolina | NA | W | W | NA | 7.13 | W | W | W |
| North Dakota | NA | 7.55 | 2.75 | NA | 7.42 | 6.43 | 6.49 | 7.56 |
| Ohio | NA | W | W | NA | W | 6.44 | 5.77 | 7.04 |
| Oklahoma | NA | W | W | NA | 6.07 | 5.71 | 5.76 | 5.92 |
| Oregon | NA | W | W | NA | W | W | 4.69 | 5.07 |
| Pennsylvania | NA | 6.27 | 3.69 | NA | 7.56 | 7.32 | 6.36 | 6.63 |
| Rhode Island | NA | W | 4.53 | NA | W | W | W | W |
| South Carolina | NA | W | W | NA | W | W | W | W |
| South Dakota | NA | — | — | NA | — | — | — | — |
| Tennessee | NA | W | W | NA | W | — | — | — |
| Texas | NA | 5.92 | 3.13 | NA | 6.11 | 5.56 | 5.20 | 5.41 |
| Utah | NA | W | W | NA | 2.49 | — | 2.45 | 2.45 |
| Vermont | NA | — | 3.18 | NA | — | — | — | — |
| Virginia | NA | W | W | NA | 7.49 | 6.93 | W | W |
| Washington | NA | W | W | NA | W | W | 4.03 | 4.52 |
| West Virginia | NA | W | 3.91 | NA | W | W | 6.75 | 6.76 |
| Wisconsin | NA | W | W | NA | W | 5.94 | W | W |
| Wyoming | NA | 3.28 | 5.00 | NA | 8.00 | 2.92 | 2.48 | — |
| **Total** | NA | **5.97** | **3.45** | NA | **5.81** | **5.76** | **5.47** | **5.75** |

See footnotes at end of table.

Table 24

# Table 24. Average Price of Natural Gas Sold to Electric Power[a] Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2004 | 2003 | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | January | Total | December | November | October | September | August | July |
| Alabama | 5.81 | w | w | 4.44 | w | w | 5.32 | w |
| Alaska | 2.78 | 2.29 | 2.64 | 2.64 | 2.65 | 2.50 | 2.58 | 2.57 |
| Arizona | 5.82 | w | w | 4.82 | 4.80 | 5.05 | 4.98 | 5.26 |
| Arkansas | w | w | w | — | 3.86 | 3.32 | — | — |
| California | 5.94 | 5.46 | 5.54 | 4.91 | 5.75 | 5.20 | 5.20 | 5.45 |
| Colorado | 5.59 | 4.45 | 5.05 | 3.08 | 4.47 | 4.62 | 4.47 | 4.79 |
| Connecticut | 10.75 | w | w | w | w | w | 5.64 | w |
| Delaware | w | w | w | w | w | w | w | w |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 6.29 | 6.04 | 5.90 | 5.35 | 5.81 | 5.93 | 5.89 | 6.16 |
| Georgia | 6.66 | w | 6.66 | 5.39 | 8.86 | 5.14 | 5.52 | 5.55 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho | w | w | w | w | w | w | w | w |
| Illinois | 6.62 | 5.94 | 5.88 | 5.06 | 4.99 | 6.26 | 5.68 | 5.86 |
| Indiana | w | w | w | w | w | w | 5.97 | w |
| Iowa | 7.67 | w | 6.33 | 5.66 | 4.32 | 5.88 | 5.87 | 6.15 |
| Kansas | 5.77 | 5.28 | 5.03 | 4.35 | 4.56 | 4.94 | 4.93 | 5.27 |
| Kentucky | w | w | w | w | w | w | w | w |
| Louisiana | w | w | w | w | w | w | w | w |
| Maine | 8.35 | w | 7.03 | 5.12 | 5.41 | w | 5.45 | 5.49 |
| Maryland | 10.29 | w | w | w | w | w | 6.52 | 6.15 |
| Massachusetts | 10.25 | 5.55 | 6.51 | 4.82 | 5.00 | 4.97 | 4.94 | 5.45 |
| Michigan | 4.00 | w | w | w | 3.43 | 3.55 | 4.45 | w |
| Minnesota | w | w | w | w | w | w | w | w |
| Mississippi | 6.48 | w | 6.66 | 4.68 | 5.14 | 5.03 | 5.37 | w |
| Missouri | w | w | w | w | 4.71 | w | w | w |
| Montana | w | w | 8.95 | w | w | 6.41 | w | w |
| Nebraska | 6.49 | 6.19 | 5.91 | 4.65 | 5.01 | 5.45 | 5.38 | 6.36 |
| Nevada | 6.14 | 5.31 | 5.70 | 4.91 | 5.22 | 5.16 | 5.43 | 5.68 |
| New Hampshire | 8.19 | — | — | — | — | — | — | — |
| New Jersey | 8.51 | 6.62 | 6.97 | 6.03 | 5.75 | 6.00 | 5.83 | 6.28 |
| New Mexico | w | w | w | w | w | w | w | w |
| New York | 7.25 | 6.17 | 5.74 | 5.25 | 5.37 | 5.55 | 5.71 | 5.91 |
| North Carolina | w | w | w | w | w | 4.87 | 5.29 | 5.34 |
| North Dakota | 9.50 | 7.64 | — | — | — | 7.33 | 9.50 | — |
| Ohio | w | w | 13.72 | 6.25 | w | w | 5.88 | w |
| Oklahoma | 6.38 | w | 5.91 | w | w | w | 5.23 | 5.53 |
| Oregon | 5.23 | w | w | 4.45 | 4.62 | 4.68 | 4.79 | 4.59 |
| Pennsylvania | 9.88 | 5.63 | 7.30 | 4.51 | 4.84 | 4.40 | 5.34 | 5.33 |
| Rhode Island | w | w | w | w | w | 5.57 | 6.22 | w |
| South Carolina | w | w | w | w | w | w | w | w |
| South Dakota | — | — | — | — | — | — | — | — |
| Tennessee | w | w | — | w | — | — | w | w |
| Texas | 5.88 | 5.37 | 4.73 | 4.44 | 4.58 | 4.87 | 4.99 | 5.25 |
| Utah | w | w | — | — | 3.52 | w | w | w |
| Vermont | w | — | — | — | — | — | — | — |
| Virginia | w | w | w | w | w | w | w | w |
| Washington | 4.98 | w | w | 3.84 | 3.28 | 3.59 | 3.41 | 3.95 |
| West Virginia | 8.09 | w | 7.35 | 6.16 | 5.87 | 5.60 | 6.05 | 6.14 |
| Wisconsin | 6.68 | w | w | w | 5.14 | 5.39 | 5.28 | 5.62 |
| Wyoming | 2.74 | 3.40 | 1.28 | 4.63 | 3.17 | 3.80 | 3.91 | 1.90 |
| **Total** | **6.38** | **5.55** | **5.45** | **4.78** | **5.09** | **5.12** | **5.20** | **5.47** |

See footnotes at end of table.

# Table 24. Average Price of Natural Gas Sold to Electric Power[a] Consumers, by State, 2002-2004

(Dollars per Thousand Cubic Feet) — Continued

| State | 2003 | | | | | | 2002 | |
|---|---|---|---|---|---|---|---|---|
| | June | May | April | March | February | January | Total | December |
| Alabama | W | W | 6.39 | 7.20 | W | W | 3.57 | W |
| Alaska | 2.07 | 2.08 | 2.11 | 2.02 | 2.03 | 2.02 | W | 1.98 |
| Arizona | 5.69 | 5.17 | 4.11 | 6.12 | W | W | 3.26 | 4.55 |
| Arkansas | — | 4.44 | — | 7.27 | 6.42 | 6.05 | 3.59 | W |
| California | 5.33 | 5.26 | 5.23 | 6.78 | 5.79 | 5.12 | 3.82 | 4.93 |
| Colorado | 5.34 | 4.43 | 3.48 | 4.73 | 3.59 | 5.15 | 2.53 | 3.25 |
| Connecticut | W | W | W | 9.26 | 9.29 | W | 3.98 | W |
| Delaware | W | W | W | W | W | W | W | W |
| District of Columbia | — | — | — | — | — | — | — | — |
| Florida | 6.69 | 6.14 | 6.09 | 7.98 | 6.35 | 4.72 | 4.14 | 5.57 |
| Georgia | 6.21 | 6.47 | 5.97 | W | 8.90 | 6.50 | 3.73 | 5.07 |
| Hawaii | — | — | — | — | — | — | — | — |
| Idaho | W | W | W | W | W | W | W | W |
| Illinois | 6.55 | 6.52 | 6.87 | 7.93 | 6.87 | 4.28 | 3.45 | 5.64 |
| Indiana | 6.31 | W | W | W | 4.71 | W | 3.28 | W |
| Iowa | 6.63 | W | W | W | W | W | 3.87 | 4.89 |
| Kansas | 5.76 | 5.11 | 4.95 | 8.76 | 6.47 | 5.07 | 3.11 | 4.22 |
| Kentucky | W | W | W | W | W | 6.10 | 3.60 | 5.24 |
| Louisiana | W | W | 5.34 | W | W | W | 3.63 | W |
| Maine | W | W | 5.96 | 7.30 | 8.46 | 7.02 | 4.09 | 6.42 |
| Maryland | 5.99 | 4.96 | 5.46 | 10.64 | W | 9.79 | 4.31 | 5.75 |
| Massachusetts | 5.74 | 5.89 | 5.67 | 6.78 | 6.72 | 5.39 | 3.60 | 5.03 |
| Michigan | W | 4.21 | W | W | W | W | 3.55 | 3.74 |
| Minnesota | W | W | W | W | W | W | W | W |
| Mississippi | W | W | W | W | W | W | 3.57 | W |
| Missouri | W | W | W | W | W | W | W | W |
| Montana | W | W | W | W | 6.12 | W | 3.95 | 6.12 |
| Nebraska | 6.72 | 6.97 | 5.91 | 8.49 | 7.05 | 6.48 | 4.17 | 5.24 |
| Nevada | 6.20 | 5.55 | 5.16 | 5.36 | 4.61 | 4.48 | 4.53 | 4.28 |
| New Hampshire | — | — | — | — | — | — | 4.08 | 6.51 |
| New Jersey | 6.94 | 6.56 | 6.21 | 10.25 | 6.72 | 6.96 | 4.19 | 5.24 |
| New Mexico | W | W | W | W | W | W | W | W |
| New York | 5.87 | 6.22 | 6.11 | 8.68 | 7.33 | 6.28 | 4.06 | 5.21 |
| North Carolina | W | W | W | W | W | W | 3.52 | W |
| North Dakota | 7.56 | — | — | — | — | 7.50 | — | — |
| Ohio | W | 6.08 | W | W | W | W | 3.78 | W |
| Oklahoma | 6.10 | W | W | W | W | W | 3.55 | 4.82 |
| Oregon | W | W | W | W | W | 4.28 | 3.39 | 4.01 |
| Pennsylvania | 5.45 | 5.10 | 5.74 | 7.38 | 8.30 | 7.40 | 3.97 | 5.92 |
| Rhode Island | 7.08 | 6.85 | W | 10.41 | 9.20 | W | 4.70 | W |
| South Carolina | W | W | W | W | W | W | W | W |
| South Dakota | — | — | — | — | — | — | — | — |
| Tennessee | — | — | W | W | W | W | W | W |
| Texas | 5.95 | 5.63 | 5.13 | 7.18 | 6.63 | 5.04 | 3.41 | 4.28 |
| Utah | W | W | 4.16 | W | W | — | W | — |
| Vermont | — | — | — | — | — | — | — | — |
| Virginia | W | W | W | W | W | W | 4.30 | W |
| Washington | W | W | W | W | W | 3.66 | W | 4.32 |
| West Virginia | 7.21 | 6.40 | 56.30 | 15.51 | W | W | 4.17 | 6.82 |
| Wisconsin | 6.35 | W | W | W | W | W | 3.51 | 4.83 |
| Wyoming | 3.00 | 3.27 | 3.86 | 3.32 | — | — | 4.38 | 21.17 |
| **Total** | **5.97** | **5.69** | **5.36** | **7.16** | **6.44** | **5.28** | **3.68** | **4.72** |

[a] The electric power sector comprises electricity-only and combined-heat-and-power plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 2001, data are for regulated electric utilities only; beginning in 2002, data also include nonregulated members of the electric power sector.

W Withheld.

NA Not Available.

— Not Applicable.

**Notes:** Data through 2002 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

**Sources:** Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report."

Table 25

# Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004

| State | YTD 2004 | | YTD 2003 | | YTD 2002 | | 2004 July | |
|---|---|---|---|---|---|---|---|---|
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 80.7 | 17.2 | 80.1 | 15.3 | 81.8 | 21.3 | 73.4 | 15.2 |
| Alaska | NA | 84.5 | 58.9 | 84.9 | 56.8 | 89.6 | NA | 100.0 |
| Arizona | 93.5 | 41.0 | 91.5 | 34.4 | 93.9 | 46.7 | 93.3 | 36.1 |
| Arkansas | 82.4 | 5.4 | 83.0 | 4.9 | 82.3 | 5.3 | 70.7 | 5.7 |
| California | 69.9 | 5.1 | NA | 5.6 | 68.7 | 8.1 | 72.0 | 4.6 |
| Colorado | 96.8 | NA | 99.8 | 0.4 | 94.4 | 1.2 | 96.1 | 0.8 |
| Connecticut | 71.1 | NA | 67.2 | 49.4 | 72.7 | 47.0 | 67.2 | 56.5 |
| Delaware | 86.3 | 10.5 | NA | 13.5 | 84.5 | 18.0 | 73.6 | 10.2 |
| District of Columbia | 25.1 | — | 33.1 | — | 22.4 | — | 19.5 | — |
| Florida | 37.4 | 1.8 | 36.9 | NA | 44.2 | 3.3 | 33.1 | 1.5 |
| Georgia | 100.0 | NA | 100.0 | 4.6 | 100.0 | 19.6 | 100.0 | 4.7 |
| Hawaii | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Idaho | 86.7 | 2.5 | 86.6 | 2.0 | 84.6 | 2.3 | 77.5 | 1.9 |
| Illinois | 40.8 | 8.8 | 43.6 | 9.7 | 41.0 | 9.2 | 26.7 | 5.5 |
| Indiana | 78.6 | 7.2 | 80.0 | 8.6 | 77.9 | 7.3 | 67.1 | 6.3 |
| Iowa | 75.8 | 5.8 | 78.3 | 6.4 | 80.9 | 6.4 | 71.0 | 3.7 |
| Kansas | 54.2 | 6.2 | 60.7 | 5.1 | 61.5 | 12.0 | 35.5 | 10.5 |
| Kentucky | 77.9 | 13.4 | 78.9 | 16.8 | 79.3 | 17.6 | 71.1 | 12.8 |
| Louisiana | 98.6 | 21.6 | 98.8 | 13.6 | 99.0 | 13.2 | 98.9 | 25.4 |
| Maine | 67.7 | 10.5 | 70.3 | 9.1 | 59.4 | 15.2 | 48.9 | 8.1 |
| Maryland | 100.0 | 10.3 | 100.0 | 9.1 | 100.0 | 8.4 | 100.0 | 6.3 |
| Massachusetts | 74.1 | NA | 60.3 | 37.7 | 58.6 | 21.8 | 69.1 | NA |
| Michigan | 66.6 | 11.7 | 64.9 | 11.9 | 66.0 | 10.5 | 44.9 | 4.8 |
| Minnesota | 94.1 | 35.4 | 92.8 | 41.1 | 90.6 | 36.6 | 90.9 | 28.5 |
| Mississippi | 97.0 | 21.7 | NA | 25.6 | 97.3 | 26.6 | 96.3 | 20.0 |
| Missouri | 79.4 | 13.2 | 82.1 | 13.9 | 82.1 | 18.3 | 67.4 | 8.4 |
| Montana | 78.0 | 1.7 | 72.5 | 2.3 | 74.2 | 2.4 | 68.1 | 1.1 |
| Nebraska | 69.1 | 15.2 | 63.7 | 20.9 | 61.7 | 17.6 | 55.6 | 7.9 |
| Nevada | 69.6 | 16.4 | 69.8 | 20.4 | 84.7 | 43.6 | 63.0 | 11.1 |
| New Hampshire | NA | NA | NA | NA | 80.0 | 10.4 | NA | NA |
| New Jersey | 51.4 | 17.6 | 53.2 | 24.0 | 51.5 | 21.0 | 27.0 | 12.0 |
| New Mexico | 63.8 | 9.3 | 68.2 | 7.1 | 69.4 | 13.5 | 60.7 | 10.3 |
| New York | NA | NA | 100.0 | 15.7 | 100.0 | 11.3 | NA | NA |
| North Carolina | NA | 26.9 | 92.8 | NA | 91.3 | 37.3 | NA | 27.7 |
| North Dakota | 92.9 | 16.2 | 93.3 | 43.5 | 90.2 | 8.6 | 87.3 | 14.3 |
| Ohio | 100.0 | 3.6 | 100.0 | 3.4 | 100.0 | 4.0 | 100.0 | 1.7 |
| Oklahoma | 62.9 | NA | 73.2 | 3.4 | 73.4 | 3.8 | 48.9 | 1.3 |
| Oregon | 98.5 | 23.6 | 98.3 | 14.5 | 98.3 | 16.5 | 97.6 | 22.7 |
| Pennsylvania | 100.0 | 6.3 | 100.0 | 7.4 | 100.0 | 6.8 | 100.0 | 4.6 |
| Rhode Island | 75.8 | NA | 72.5 | 18.8 | 67.2 | 27.3 | 69.0 | 19.8 |
| South Carolina | 96.5 | 79.9 | 96.9 | 81.1 | 98.5 | 86.2 | 96.6 | 80.7 |
| South Dakota | 82.0 | 27.2 | 83.5 | 25.1 | 84.4 | 43.7 | 66.7 | 22.6 |
| Tennessee | 92.2 | 32.9 | 89.9 | 27.9 | 92.6 | 36.8 | 85.9 | 30.6 |
| Texas | 85.2 | 49.0 | 86.5 | 43.2 | 88.1 | 41.1 | 84.7 | 50.8 |
| Utah | NA | NA | 86.8 | 13.8 | 83.6 | 13.5 | NA | NA |
| Vermont | 100.0 | 79.2 | 100.0 | 82.2 | 100.0 | 75.1 | 100.0 | 70.0 |
| Virginia | 62.5 | 15.3 | 65.2 | 13.7 | 60.6 | 14.7 | 50.6 | 14.4 |
| Washington | NA | NA | 88.1 | 21.2 | 90.0 | 28.4 | NA | NA |
| West Virginia | 58.5 | 12.7 | 64.5 | NA | 56.5 | 12.9 | 31.8 | 15.5 |
| Wisconsin | 81.7 | 19.6 | 78.3 | 19.8 | 78.6 | 21.2 | 72.6 | 12.4 |
| Wyoming | 48.3 | 2.1 | 48.6 | 2.2 | 85.3 | 2.2 | 46.3 | 2.7 |
| **Total** | **77.9** | **23.1** | **77.8** | **21.6** | **79.1** | **22.7** | **71.3** | **24.7** |

See footnotes at end of table.

# Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

| State | 2004 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | June | | May | | April | | March | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 72.0 | 16.7 | 81.1 | 17.1 | 77.1 | 16.9 | 82.8 | 17.5 |
| Alaska | 41.5 | 74.5 | 48.1 | 73.7 | 48.2 | 79.0 | 50.0 | 83.2 |
| Arizona | 93.8 | 41.0 | 92.5 | 36.6 | 92.2 | 37.2 | 93.5 | 37.8 |
| Arkansas | 71.4 | 5.9 | 74.6 | 4.6 | 80.4 | 4.9 | 85.3 | 5.5 |
| California | 74.7 | 3.6 | 68.6 | 5.1 | 70.1 | 4.7 | 68.2 | 5.0 |
| Colorado | 95.4 | 0.8 | 94.0 | 0.4 | 95.6 | 0.6 | 95.1 | 0.2 |
| Connecticut | 67.2 | 54.5 | 69.7 | 53.1 | 70.6 | 52.8 | 70.8 | 47.4 |
| Delaware | 72.5 | 13.1 | 77.5 | 8.6 | 85.4 | 11.7 | 86.2 | 11.1 |
| District of Columbia | 19.5 | — | 20.9 | — | 23.3 | — | 27.5 | — |
| Florida | 35.3 | 1.8 | 35.6 | 1.6 | 37.3 | 1.7 | 39.2 | 2.1 |
| Georgia | 100.0 | 4.7 | 100.0 | 4.4 | 100.0 | NA | 100.0 | 5.2 |
| Hawaii | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Idaho | 81.3 | 2.0 | 81.8 | 2.1 | 84.0 | 2.0 | 88.2 | 2.8 |
| Illinois | 32.7 | 5.9 | 28.3 | 5.0 | 38.5 | 7.8 | 43.5 | 9.5 |
| Indiana | 67.6 | 5.6 | 70.2 | 5.8 | 74.7 | 6.3 | 77.4 | 8.4 |
| Iowa | 68.4 | 4.2 | 69.8 | 3.9 | 70.1 | 4.5 | 77.2 | 7.0 |
| Kansas | 34.7 | 11.0 | 43.2 | 7.3 | 51.1 | 8.0 | 58.6 | 3.5 |
| Kentucky | 68.4 | 13.1 | 70.3 | 11.5 | 76.0 | 12.8 | 77.3 | 13.0 |
| Louisiana | 98.9 | 25.8 | 99.0 | 24.8 | 99.1 | 26.1 | 98.9 | 17.6 |
| Maine | 53.2 | 13.4 | 53.7 | 10.7 | 61.2 | 10.1 | 71.0 | 8.9 |
| Maryland | 100.0 | 5.7 | 100.0 | [R]8.5 | 100.0 | [R]11.6 | 100.0 | 11.2 |
| Massachusetts | 61.3 | NA | 65.3 | 26.1 | 72.6 | 28.0 | 76.4 | 45.9 |
| Michigan | 52.0 | 5.4 | 55.7 | 7.1 | 65.5 | 11.0 | 66.3 | 17.3 |
| Minnesota | 87.3 | 27.3 | 96.1 | 39.9 | 92.9 | 40.1 | 94.9 | 34.1 |
| Mississippi | 96.0 | 19.1 | 96.0 | 19.0 | 97.0 | 22.0 | 97.6 | 21.9 |
| Missouri | 68.9 | 8.9 | 73.9 | 10.0 | 77.3 | 13.4 | 81.6 | 14.2 |
| Montana | 68.7 | 1.5 | 71.5 | 1.5 | 69.4 | 1.0 | 80.0 | 1.9 |
| Nebraska | 82.3 | 12.4 | [R]72.5 | 16.0 | [R]70.5 | 16.6 | 63.8 | 21.8 |
| Nevada | 64.6 | 11.7 | 65.2 | 12.8 | 64.6 | 15.6 | 70.6 | 15.4 |
| New Hampshire | NA | NA | NA | NA | NA | NA | 79.2 | 10.9 |
| New Jersey | 25.9 | 14.1 | 36.8 | 15.5 | 50.9 | 17.1 | 55.3 | 18.6 |
| New Mexico | 57.0 | 11.0 | 52.0 | 10.2 | 61.4 | 9.9 | 66.4 | 9.0 |
| New York | 100.0 | 15.0 | 100.0 | 14.8 | 100.0 | 16.4 | 100.0 | 14.4 |
| North Carolina | 78.9 | 31.6 | 87.2 | 20.3 | 89.3 | 22.5 | 91.1 | 22.1 |
| North Dakota | 84.2 | 16.9 | 89.0 | 16.4 | 91.4 | 20.1 | 93.8 | 16.2 |
| Ohio | 100.0 | 2.2 | 100.0 | 2.0 | 100.0 | 3.6 | 100.0 | 3.8 |
| Oklahoma | 49.6 | 0.6 | 51.1 | 1.1 | 55.4 | NA | 63.4 | 2.4 |
| Oregon | 97.8 | 22.9 | 97.8 | 21.9 | 98.1 | 23.3 | 98.6 | 24.3 |
| Pennsylvania | 100.0 | 4.4 | 100.0 | 4.7 | 100.0 | 6.5 | 100.0 | 7.9 |
| Rhode Island | 74.8 | 14.0 | 77.9 | 24.7 | 78.0 | NA | 75.3 | 17.3 |
| South Carolina | 95.7 | 80.3 | 96.3 | 81.1 | 96.4 | 81.2 | 96.4 | 79.4 |
| South Dakota | 74.3 | 28.2 | 70.8 | 26.1 | 80.4 | 24.4 | 81.1 | 30.0 |
| Tennessee | 86.5 | 29.9 | 88.9 | 33.1 | 91.3 | 32.2 | 93.2 | 35.0 |
| Texas | 83.5 | 51.6 | 83.6 | 48.6 | 81.3 | 49.4 | 82.6 | 46.6 |
| Utah | 74.1 | 12.7 | 78.2 | 12.7 | 80.6 | 14.6 | 84.4 | 13.3 |
| Vermont | 100.0 | 73.8 | 100.0 | 78.6 | 100.0 | 82.2 | 100.0 | 80.7 |
| Virginia | 53.5 | 10.2 | 51.9 | 13.6 | 47.9 | 15.4 | 61.3 | 17.2 |
| Washington | NA | NA | NA | NA | NA | [R]12.6 | 89.2 | 20.9 |
| West Virginia | 31.0 | 14.7 | 40.0 | [R]19.5 | 53.7 | 11.3 | 61.4 | 11.2 |
| Wisconsin | 71.2 | 13.5 | 75.1 | 12.9 | 79.5 | 18.5 | 82.1 | 23.0 |
| Wyoming | 46.6 | 1.9 | 49.3 | 2.0 | 50.7 | 1.9 | 45.4 | 2.2 |
| **Total** | **71.7** | **24.4** | **73.2** | **22.7** | **76.3** | **[R]22.8** | **78.3** | **22.2** |

See footnotes at end of table.

# Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

| State | 2004 | | | | 2003 | | | |
|---|---|---|---|---|---|---|---|---|
| | February | | January | | Total | | December | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 83.3 | 18.5 | 83.0 | 18.0 | R77.6 | 15.0 | 75.3 | 16.1 |
| Alaska | 50.4 | 88.8 | 53.5 | 96.6 | NA | NA | 57.3 | NA |
| Arizona | 93.7 | 50.7 | 94.7 | 44.2 | 91.9 | 37.1 | 93.8 | 44.3 |
| Arkansas | 86.8 | 6.0 | 85.8 | 5.7 | 81.9 | 5.4 | 85.0 | 6.2 |
| California | 68.6 | 7.8 | 69.5 | 4.5 | NA | 5.5 | 71.9 | 7.0 |
| Colorado | 96.8 | NA | 99.7 | — | 98.9 | 0.5 | 97.0 | 0.1 |
| Connecticut | 73.1 | 47.7 | 71.9 | NA | 68.5 | 51.0 | 74.4 | 59.6 |
| Delaware | 90.2 | 10.4 | 90.1 | 9.7 | NA | 13.2 | 87.5 | 13.1 |
| District of Columbia | 27.0 | — | 27.4 | — | 30.9 | — | 31.1 | — |
| Florida | 40.3 | 1.9 | 39.0 | 2.2 | 35.4 | NA | 35.7 | 1.6 |
| Georgia | 100.0 | 5.1 | 100.0 | 5.5 | 100.0 | R4.5 | 100.0 | R5.2 |
| Hawaii | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Idaho | 88.9 | 3.0 | 89.0 | 3.2 | 85.3 | 2.1 | 88.0 | 3.2 |
| Illinois | 44.9 | 11.3 | 43.7 | 12.6 | 42.4 | 9.1 | 44.5 | 9.8 |
| Indiana | 82.5 | 8.2 | 82.2 | 8.5 | 78.9 | NA | 81.1 | NA |
| Iowa | 76.9 | 7.1 | 79.2 | 8.3 | 77.3 | 6.6 | 78.2 | 7.6 |
| Kansas | 62.4 | 2.0 | 55.7 | 1.9 | 57.7 | 5.7 | 59.1 | 2.3 |
| Kentucky | 81.5 | 14.7 | 79.9 | 15.1 | 77.5 | 16.4 | 78.6 | 16.0 |
| Louisiana | 98.2 | 17.0 | 98.2 | 15.8 | 98.7 | 14.2 | 97.7 | 15.3 |
| Maine | 75.2 | 10.2 | 75.9 | 11.9 | NA | R9.1 | NA | 14.4 |
| Maryland | 100.0 | 13.5 | 100.0 | 13.1 | 100.0 | 9.4 | 100.0 | 12.2 |
| Massachusetts | 76.5 | 47.3 | 78.3 | 48.0 | NA | NA | NA | NA |
| Michigan | 72.3 | 15.3 | 71.3 | 14.0 | 64.3 | 10.7 | 69.9 | 14.1 |
| Minnesota | 94.7 | 36.6 | 94.7 | 40.3 | 92.4 | 42.4 | 93.0 | 43.4 |
| Mississippi | 97.3 | 24.1 | 97.2 | 26.5 | NA | 24.1 | 96.7 | 25.6 |
| Missouri | 83.5 | 17.8 | 80.5 | 15.5 | 78.8 | 12.5 | 78.1 | 14.3 |
| Montana | 84.1 | 2.4 | 82.2 | 1.8 | 76.9 | NA | 90.7 | 1.6 |
| Nebraska | 69.3 | 18.8 | 72.4 | 17.3 | 64.4 | 18.6 | 69.3 | 21.9 |
| Nevada | 74.2 | 24.3 | 74.8 | 22.1 | 68.2 | 19.4 | 72.0 | 22.0 |
| New Hampshire | 84.1 | 11.1 | 83.1 | 28.7 | NA | NA | NA | NA |
| New Jersey | 61.2 | 23.2 | 59.1 | 20.1 | NA | NA | 63.6 | 20.0 |
| New Mexico | 67.2 | 7.2 | 67.4 | 7.7 | 67.5 | 7.7 | 69.2 | 5.1 |
| New York | 100.0 | 16.4 | 100.0 | 14.5 | 100.0 | 14.8 | 100.0 | 13.7 |
| North Carolina | 90.5 | 28.8 | 95.3 | 35.5 | NA | NA | NA | 24.1 |
| North Dakota | 94.2 | 14.6 | 95.1 | 14.5 | 93.1 | NA | 94.3 | NA |
| Ohio | 100.0 | 5.5 | 100.0 | 4.8 | 100.0 | 2.9 | 100.0 | 3.4 |
| Oklahoma | 68.8 | 2.8 | 69.1 | 2.0 | 71.1 | 2.6 | 74.9 | 2.3 |
| Oregon | 98.8 | 24.4 | 99.1 | 25.1 | 98.4 | 17.5 | 98.8 | 25.3 |
| Pennsylvania | 100.0 | 7.8 | 100.0 | 7.2 | 100.0 | 6.7 | 100.0 | 6.6 |
| Rhode Island | 79.3 | 19.7 | 71.5 | 16.5 | R71.6 | R19.2 | R70.1 | R22.3 |
| South Carolina | 96.9 | 77.9 | 96.6 | 79.1 | 96.5 | 80.2 | 96.3 | 77.7 |
| South Dakota | 85.0 | 28.5 | 87.0 | 29.0 | 82.3 | 25.5 | 82.5 | 29.1 |
| Tennessee | 94.4 | 34.8 | 93.8 | 33.6 | R88.7 | 30.1 | 91.1 | 36.7 |
| Texas | 89.0 | 49.2 | 87.8 | 46.9 | 87.8 | 45.9 | 92.2 | 50.4 |
| Utah | 87.0 | 15.2 | 87.3 | 13.8 | 84.9 | 13.6 | 86.0 | 13.1 |
| Vermont | 100.0 | 84.7 | 100.0 | 79.9 | 100.0 | 78.4 | 100.0 | 79.7 |
| Virginia | 70.9 | 17.3 | 72.5 | 19.9 | 62.4 | 13.4 | 63.3 | 13.5 |
| Washington | 89.8 | 21.4 | R91.7 | R21.3 | 88.1 | 20.1 | 90.5 | 22.2 |
| West Virginia | 69.3 | 10.3 | 69.5 | 10.5 | 60.9 | NA | 66.5 | NA |
| Wisconsin | 83.9 | 23.2 | 84.6 | 25.4 | 78.1 | 18.9 | 82.5 | 24.7 |
| Wyoming | 48.9 | 1.9 | 48.8 | 2.0 | 50.2 | 2.1 | 50.0 | 2.3 |
| **Total** | **80.7** | **23.0** | **R80.7** | **22.1** | **77.4** | **R22.2** | **R79.9** | **R23.2** |

See footnotes at end of table.

# Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

| State | 2003 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | November | | October | | September | | August | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 69.0 | 15.3 | 68.5 | 14.1 | 69.7 | 14.0 | 77.2 | 12.8 |
| Alaska | 63.2 | 100.0 | NA | 82.3 | 67.2 | 70.6 | 71.3 | 70.2 |
| Arizona | 92.1 | 41.7 | 91.6 | 42.2 | 92.1 | 41.9 | 91.1 | 36.0 |
| Arkansas | 80.3 | 6.2 | 75.9 | 6.6 | 72.8 | 6.0 | 73.5 | 5.3 |
| California | 71.2 | 5.9 | 58.9 | 4.6 | 64.0 | 4.8 | 70.9 | 5.3 |
| Colorado | 99.8 | 0.3 | 95.8 | 0.5 | 96.8 | 1.6 | 96.8 | 1.8 |
| Connecticut | 70.1 | 60.8 | 63.6 | 49.5 | 67.8 | 50.7 | 76.0 | 44.3 |
| Delaware | 82.9 | 11.8 | 73.5 | 18.2 | 78.8 | 10.5 | 77.5 | 9.5 |
| District of Columbia | 29.9 | — | 25.4 | — | 23.0 | — | 18.7 | — |
| Florida | 32.7 | 1.9 | 31.3 | NA | 33.9 | NA | 31.6 | 1.1 |
| Georgia | 100.0 | R4.7 | 100.0 | R4.3 | 100.0 | R4.0 | 100.0 | R3.6 |
| Hawaii | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Idaho | 82.5 | 2.4 | 74.1 | 2.0 | 78.1 | 1.8 | 78.4 | 2.2 |
| Illinois | 39.2 | 9.6 | 37.8 | 8.4 | 36.7 | 4.8 | 33.8 | 7.0 |
| Indiana | 75.7 | 10.3 | 72.7 | NA | 68.8 | 8.4 | 73.8 | 5.2 |
| Iowa | 76.5 | 8.9 | 71.8 | 7.3 | 71.4 | 5.3 | 68.8 | 4.7 |
| Kansas | 44.5 | 3.6 | 45.2 | 3.8 | 44.6 | 6.7 | 44.5 | 16.1 |
| Kentucky | 75.1 | 15.6 | 69.1 | 17.1 | 71.2 | 15.6 | 69.4 | 13.8 |
| Louisiana | 98.4 | 17.2 | 98.9 | 14.9 | 99.1 | 14.2 | 99.0 | 13.6 |
| Maine | 76.1 | 8.0 | 57.1 | R6.3 | 51.1 | 7.7 | 54.8 | 8.7 |
| Maryland | 100.0 | 11.3 | 100.0 | 11.4 | 100.0 | 6.7 | 100.0 | 5.8 |
| Massachusetts | NA | 12.7 | 31.3 | NA | 39.3 | NA | 37.7 | NA |
| Michigan | 66.2 | 9.4 | 58.5 | 6.8 | 46.0 | 6.5 | 49.1 | 3.9 |
| Minnesota | 93.4 | 45.7 | 90.6 | 43.6 | 83.4 | 48.5 | 91.5 | 39.7 |
| Mississippi | 95.8 | 18.8 | 93.3 | 20.0 | 93.2 | 22.2 | 92.7 | 22.9 |
| Missouri | 68.3 | 11.1 | 64.7 | 9.3 | 67.9 | 8.7 | 63.2 | 7.3 |
| Montana | 89.7 | 1.2 | 82.6 | NA | 85.8 | NA | 59.5 | NA |
| Nebraska | 69.2 | 18.7 | 62.8 | 17.8 | 64.6 | 12.5 | 54.3 | 11.1 |
| Nevada | 66.7 | 24.2 | 61.0 | 16.0 | 56.5 | 12.6 | 62.3 | 12.1 |
| New Hampshire | 64.2 | 17.0 | 48.7 | 12.3 | 40.4 | 10.5 | 45.6 | 9.7 |
| New Jersey | 60.1 | 14.2 | NA | NA | 43.3 | 14.5 | 36.7 | 18.8 |
| New Mexico | 66.7 | 6.6 | 64.3 | 8.0 | 60.2 | 9.1 | 60.7 | 15.3 |
| New York | 100.0 | 14.9 | 100.0 | 8.9 | 100.0 | 12.1 | 100.0 | 17.4 |
| North Carolina | 72.5 | 21.2 | NA | NA | 87.2 | 31.1 | 87.5 | 32.2 |
| North Dakota | 93.9 | 28.0 | 90.0 | 24.7 | 89.5 | 39.9 | 88.5 | 13.1 |
| Ohio | 100.0 | 2.4 | 100.0 | 1.8 | 100.0 | 1.1 | 100.0 | 1.3 |
| Oklahoma | 64.8 | 1.5 | 58.0 | 1.5 | 54.5 | 0.4 | 54.6 | 1.4 |
| Oregon | 98.8 | 24.4 | 98.2 | 21.1 | 98.2 | 19.2 | 97.7 | 15.6 |
| Pennsylvania | 100.0 | 5.9 | 100.0 | 5.5 | 100.0 | 5.3 | 100.0 | 5.1 |
| Rhode Island | 67.7 | 18.5 | 65.5 | 22.1 | 69.2 | 18.6 | 75.0 | 18.8 |
| South Carolina | 94.8 | 78.6 | 95.8 | 78.8 | 96.1 | 80.1 | 96.4 | 79.1 |
| South Dakota | 84.6 | 26.8 | 76.4 | 24.8 | 72.4 | 25.3 | 67.4 | 23.3 |
| Tennessee | 85.5 | 34.1 | 84.2 | 34.2 | 82.0 | 32.9 | 79.0 | 30.5 |
| Texas | 88.8 | 47.8 | 89.6 | 49.0 | 88.7 | 50.6 | 90.6 | 49.3 |
| Utah | 83.5 | 13.3 | 78.7 | 13.9 | 77.1 | 13.9 | 71.6 | 12.7 |
| Vermont | 100.0 | 76.9 | 100.0 | 72.7 | 100.0 | 69.8 | 100.0 | 67.2 |
| Virginia | 58.0 | 13.6 | 56.1 | 13.4 | 49.0 | 9.4 | 48.4 | 14.9 |
| Washington | 90.0 | 18.7 | 85.4 | 18.9 | 83.7 | 17.5 | 82.3 | 15.3 |
| West Virginia | 57.0 | 14.2 | 52.2 | 12.9 | 38.8 | 14.7 | 33.5 | 13.4 |
| Wisconsin | 79.3 | 20.0 | 76.0 | 16.6 | 66.2 | 11.4 | 65.2 | 10.9 |
| Wyoming | 56.2 | 2.6 | 54.5 | 1.7 | 53.7 | 1.6 | 48.9 | 1.5 |
| **Total** | **77.3** | **R22.2** | **73.1** | **R23.2** | **72.7** | **R23.0** | **73.6** | **R23.6** |

See footnotes at end of table.

Table 25

# Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

| State | 2003 | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | July | | June | | May | | April | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | R73.4 | 16.0 | 77.8 | 14.4 | 74.0 | 14.1 | 76.3 | 14.9 |
| Alaska | 70.3 | 75.7 | 67.5 | 76.7 | 58.5 | 76.1 | 56.9 | 87.4 |
| Arizona | 90.3 | 35.1 | 91.7 | 33.2 | 91.6 | 33.9 | 90.6 | 33.8 |
| Arkansas | 73.6 | 4.5 | 72.0 | 3.8 | 75.9 | 4.0 | 79.9 | 4.6 |
| California | 59.5 | 4.4 | 66.9 | 5.1 | 67.3 | 5.6 | 64.7 | 6.5 |
| Colorado | 99.9 | 1.1 | 99.8 | 0.5 | 99.4 | 0.5 | 99.7 | 0.7 |
| Connecticut | 70.4 | 45.4 | 67.1 | 47.7 | 64.8 | 48.9 | 66.8 | 51.0 |
| Delaware | 76.3 | 13.6 | 80.4 | 11.1 | 83.6 | 18.2 | 86.4 | 20.4 |
| District of Columbia | 18.8 | — | 26.9 | — | 29.0 | — | 29.3 | — |
| Florida | 32.2 | 1.7 | 32.8 | 2.0 | 34.4 | 1.9 | 34.8 | 2.2 |
| Georgia | 100.0 | R3.4 | 100.0 | R4.0 | 100.0 | R4.8 | 100.0 | R4.6 |
| Hawaii | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Idaho | 80.2 | 2.0 | 82.5 | 1.6 | 85.4 | 1.7 | 85.8 | 1.8 |
| Illinois | 33.2 | 5.2 | 34.4 | 6.3 | 31.9 | 7.3 | 41.2 | 8.4 |
| Indiana | 65.3 | 5.6 | 68.4 | 5.3 | 72.4 | 6.3 | 75.2 | 6.5 |
| Iowa | 71.6 | 4.5 | 72.7 | 5.0 | 71.7 | 4.3 | 76.1 | 5.6 |
| Kansas | 44.2 | 11.1 | 54.1 | 5.0 | 54.6 | 8.1 | 59.3 | 6.0 |
| Kentucky | 71.0 | 14.3 | 72.6 | 17.6 | 70.8 | 16.6 | 75.3 | 16.9 |
| Louisiana | 99.1 | 12.5 | 98.9 | 14.5 | 99.0 | 14.6 | 98.9 | 14.4 |
| Maine | 47.0 | 6.6 | 61.0 | 7.9 | 50.2 | 10.3 | 71.7 | 9.0 |
| Maryland | 100.0 | 6.0 | 100.0 | 6.2 | 100.0 | 6.7 | 100.0 | 8.6 |
| Massachusetts | 60.0 | 13.5 | 30.9 | 29.6 | 62.8 | 23.7 | 54.1 | 43.8 |
| Michigan | 45.4 | 6.2 | 50.2 | 5.8 | 59.7 | 8.7 | 65.5 | 11.7 |
| Minnesota | 78.8 | 36.2 | 90.5 | 40.7 | 81.3 | 40.8 | 87.5 | 37.6 |
| Mississippi | 93.6 | 27.2 | 93.8 | 26.9 | 93.7 | 22.5 | 94.5 | 24.7 |
| Missouri | 73.7 | 10.5 | 68.9 | 10.4 | 74.6 | 10.2 | 79.8 | 11.5 |
| Montana | 59.6 | 1.0 | 58.3 | 1.0 | 64.0 | 1.8 | 65.3 | 2.1 |
| Nebraska | 64.5 | 10.0 | 55.7 | 27.0 | 55.1 | 19.3 | 58.6 | 21.8 |
| Nevada | 59.4 | 13.8 | 62.9 | 13.4 | 64.6 | 15.0 | 69.0 | 23.1 |
| New Hampshire | 45.4 | 10.3 | 44.4 | 10.7 | 73.8 | 8.3 | 81.9 | 13.5 |
| New Jersey | 26.6 | 16.7 | 42.2 | 19.5 | 26.3 | 25.8 | 60.5 | 28.8 |
| New Mexico | 61.8 | 11.4 | 59.4 | 8.7 | 58.6 | 9.3 | 65.4 | 7.5 |
| New York | 100.0 | 15.4 | 100.0 | 17.6 | 100.0 | 14.9 | 100.0 | 15.1 |
| North Carolina | 89.4 | 32.6 | 93.2 | 30.1 | 89.5 | 30.5 | 90.9 | NA |
| North Dakota | 85.8 | 28.7 | 81.5 | 48.5 | 88.0 | 45.9 | 65.9 | 45.4 |
| Ohio | 100.0 | 1.5 | 100.0 | 1.9 | 100.0 | 1.5 | 100.0 | 3.1 |
| Oklahoma | 54.7 | 2.4 | 62.6 | 3.0 | 62.4 | 1.4 | 66.2 | 2.5 |
| Oregon | 97.8 | 15.5 | 97.6 | 16.1 | 98.0 | 16.1 | 98.2 | 12.7 |
| Pennsylvania | 100.0 | 5.5 | 100.0 | 5.5 | 100.0 | 5.8 | 100.0 | 7.4 |
| Rhode Island | 77.1 | 16.8 | 63.5 | 11.7 | 76.0 | 26.7 | 71.4 | 19.6 |
| South Carolina | 96.4 | 80.5 | 96.7 | 83.2 | 96.8 | 83.3 | 96.0 | 81.0 |
| South Dakota | 72.4 | 24.7 | 76.6 | 22.4 | 81.8 | 23.9 | 80.5 | 26.0 |
| Tennessee | 79.4 | 28.9 | 81.4 | 24.7 | 84.6 | 25.9 | 87.8 | 27.5 |
| Texas | 88.7 | 54.2 | 86.4 | 40.0 | 85.7 | 41.5 | 83.0 | 41.1 |
| Utah | 72.6 | 11.9 | 78.7 | 13.2 | 80.9 | 14.1 | 87.5 | 14.9 |
| Vermont | 100.0 | 74.5 | 100.0 | 71.9 | 100.0 | 73.7 | 100.0 | 75.3 |
| Virginia | 50.3 | 10.0 | 60.8 | 6.9 | 59.8 | 10.0 | 60.9 | 18.4 |
| Washington | 82.7 | 13.6 | 83.8 | 15.1 | 85.9 | 18.5 | 88.6 | 19.5 |
| West Virginia | 39.4 | 13.7 | 35.9 | 14.1 | 44.9 | 13.6 | 58.1 | 14.0 |
| Wisconsin | 65.4 | 9.9 | 70.1 | 10.8 | 75.6 | 14.2 | 79.4 | 17.6 |
| Wyoming | 42.0 | 1.7 | 52.9 | 1.6 | 47.6 | 1.6 | 46.5 | 2.1 |
| **Total** | **R71.4** | **R25.6** | **72.6** | **R19.9** | **73.7** | **R20.4** | **76.9** | **R21.1** |

See footnotes at end of table.

# Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2002-2004 — Continued

| State | 2003 | | | | | | 2002 | |
|---|---|---|---|---|---|---|---|---|
| | March | | February | | January | | Total | |
| | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial | Commercial | Industrial |
| Alabama | 80.6 | 16.8 | 85.6 | 15.5 | 80.3 | 15.3 | 80.4 | 21.7 |
| Alaska | 53.5 | 89.6 | 52.9 | 99.1 | 57.9 | 98.6 | 60.0 | 90.2 |
| Arizona | 91.2 | 34.1 | 91.3 | 35.6 | 93.1 | 34.7 | 92.8 | 41.2 |
| Arkansas | 85.5 | 5.8 | 86.4 | 6.0 | 86.7 | 5.4 | 80.8 | 5.0 |
| California | 64.4 | 5.5 | NA | 8.0 | NA | 3.7 | 68.6 | 7.7 |
| Colorado | 99.8 | 0.2 | 99.9 | — | 99.9 | — | 95.3 | 1.2 |
| Connecticut | 66.9 | 52.8 | 65.6 | 47.4 | 69.3 | 51.1 | 72.4 | 48.9 |
| Delaware | 90.0 | 13.8 | 91.2 | 13.8 | NA | 9.9 | 82.8 | 13.4 |
| District of Columbia | 42.8 | — | 38.7 | — | 30.8 | — | 23.5 | — |
| Florida | 37.4 | 2.4 | 40.2 | NA | 43.5 | NA | 42.3 | 3.3 |
| Georgia | 100.0 | R5.0 | 100.0 | R5.6 | 100.0 | R4.8 | 100.0 | 19.2 |
| Hawaii | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Idaho | 88.3 | 2.1 | 87.6 | 2.5 | 87.9 | 2.2 | 85.9 | 2.1 |
| Illinois | 47.4 | 11.9 | 46.5 | 12.3 | 45.5 | 12.4 | 40.9 | 9.3 |
| Indiana | 81.5 | 8.0 | 81.9 | 12.0 | 84.5 | 13.0 | 78.4 | 8.6 |
| Iowa | 79.8 | 7.7 | 79.3 | 7.4 | 80.8 | 8.6 | 81.4 | 7.6 |
| Kansas | 65.8 | 2.0 | 63.3 | 2.1 | 60.3 | 1.3 | 58.9 | 10.9 |
| Kentucky | 80.6 | 16.2 | 81.3 | 17.5 | 80.4 | 17.9 | 78.9 | 18.0 |
| Louisiana | 98.7 | 12.8 | 98.9 | 14.1 | 98.6 | 12.7 | 99.0 | 13.3 |
| Maine | 74.7 | 9.8 | 77.7 | 10.4 | 73.8 | 9.4 | 61.6 | 10.7 |
| Maryland | 100.0 | 10.8 | 100.0 | 12.6 | 100.0 | 10.0 | 100.0 | 8.0 |
| Massachusetts | 63.2 | 46.0 | 68.7 | 59.1 | 67.8 | 45.5 | 57.4 | 20.1 |
| Michigan | 66.3 | 14.9 | 68.2 | 14.3 | 68.0 | 15.1 | 63.3 | 10.2 |
| Minnesota | 99.1 | 40.2 | 95.6 | 44.2 | 94.7 | 45.3 | 90.7 | 40.1 |
| Mississippi | NA | 26.9 | 96.9 | 28.6 | 95.8 | 22.8 | 96.7 | 25.9 |
| Missouri | 85.5 | 16.2 | 85.4 | 18.0 | 82.9 | 15.7 | 80.1 | 16.1 |
| Montana | 75.3 | 3.3 | 74.0 | 2.8 | 84.3 | R2.9 | 75.1 | 2.1 |
| Nebraska | 64.8 | 27.8 | 66.7 | 25.5 | 67.3 | 22.9 | 63.7 | 15.7 |
| Nevada | 71.0 | 20.6 | 76.6 | 29.2 | 74.9 | 25.9 | 78.5 | 34.3 |
| New Hampshire | 85.0 | 15.5 | NA | NA | NA | NA | 80.6 | 12.3 |
| New Jersey | 61.5 | 28.0 | 58.8 | 24.9 | 57.2 | 22.9 | 49.1 | 20.8 |
| New Mexico | 70.8 | 5.5 | 72.1 | 4.2 | 73.0 | 3.8 | 68.8 | 14.1 |
| New York | 100.0 | 16.2 | 100.0 | 15.7 | 100.0 | 15.5 | 100.0 | 11.0 |
| North Carolina | 95.4 | 43.0 | 93.5 | 40.5 | 92.9 | 37.6 | 90.8 | 39.2 |
| North Dakota | 97.1 | 38.5 | 98.2 | 34.3 | 97.2 | 53.2 | 91.6 | 9.2 |
| Ohio | 100.0 | 4.3 | 100.0 | 5.2 | 100.0 | 4.4 | 100.0 | 3.9 |
| Oklahoma | 76.3 | 6.3 | 77.1 | 4.3 | 79.1 | 3.6 | 71.0 | 3.3 |
| Oregon | 98.5 | 13.8 | 98.5 | 14.2 | 98.6 | 13.7 | 98.7 | 14.5 |
| Pennsylvania | 100.0 | 8.8 | 100.0 | 8.5 | 100.0 | 8.6 | 100.0 | 7.3 |
| Rhode Island | 77.2 | 21.5 | 74.2 | 19.0 | 67.2 | 18.2 | 65.9 | 27.3 |
| South Carolina | 96.8 | 77.7 | 97.4 | 81.2 | 97.2 | 81.1 | 98.5 | 85.2 |
| South Dakota | 85.9 | 27.3 | 83.4 | 24.4 | 86.6 | 26.3 | 83.1 | 52.2 |
| Tennessee | 92.1 | 30.1 | 93.5 | 31.0 | R92.0 | 26.9 | 90.9 | 36.0 |
| Texas | 86.1 | 40.6 | 86.8 | 41.1 | 87.8 | 41.1 | 87.2 | 42.3 |
| Utah | 88.5 | 13.1 | 89.5 | 14.6 | 89.1 | 14.6 | 83.7 | 13.6 |
| Vermont | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 87.0 | 100.0 | 74.8 |
| Virginia | 64.5 | 13.0 | 67.9 | 18.0 | 71.4 | 20.7 | 61.4 | 15.3 |
| Washington | 89.7 | 25.5 | 89.7 | 26.9 | 89.5 | 26.3 | 89.8 | 27.5 |
| West Virginia | 70.3 | NA | 74.3 | 12.7 | 72.6 | 14.4 | 57.4 | 12.7 |
| Wisconsin | 78.9 | 24.4 | 79.6 | 25.7 | 79.7 | 25.4 | 75.9 | 21.4 |
| Wyoming | 46.8 | 2.5 | 52.6 | 2.9 | 48.4 | 2.7 | 73.0 | 2.0 |
| **Total** | **80.2** | **R21.2** | **79.6** | **R21.8** | **R79.0** | **R21.0** | **78.4** | **22.5** |

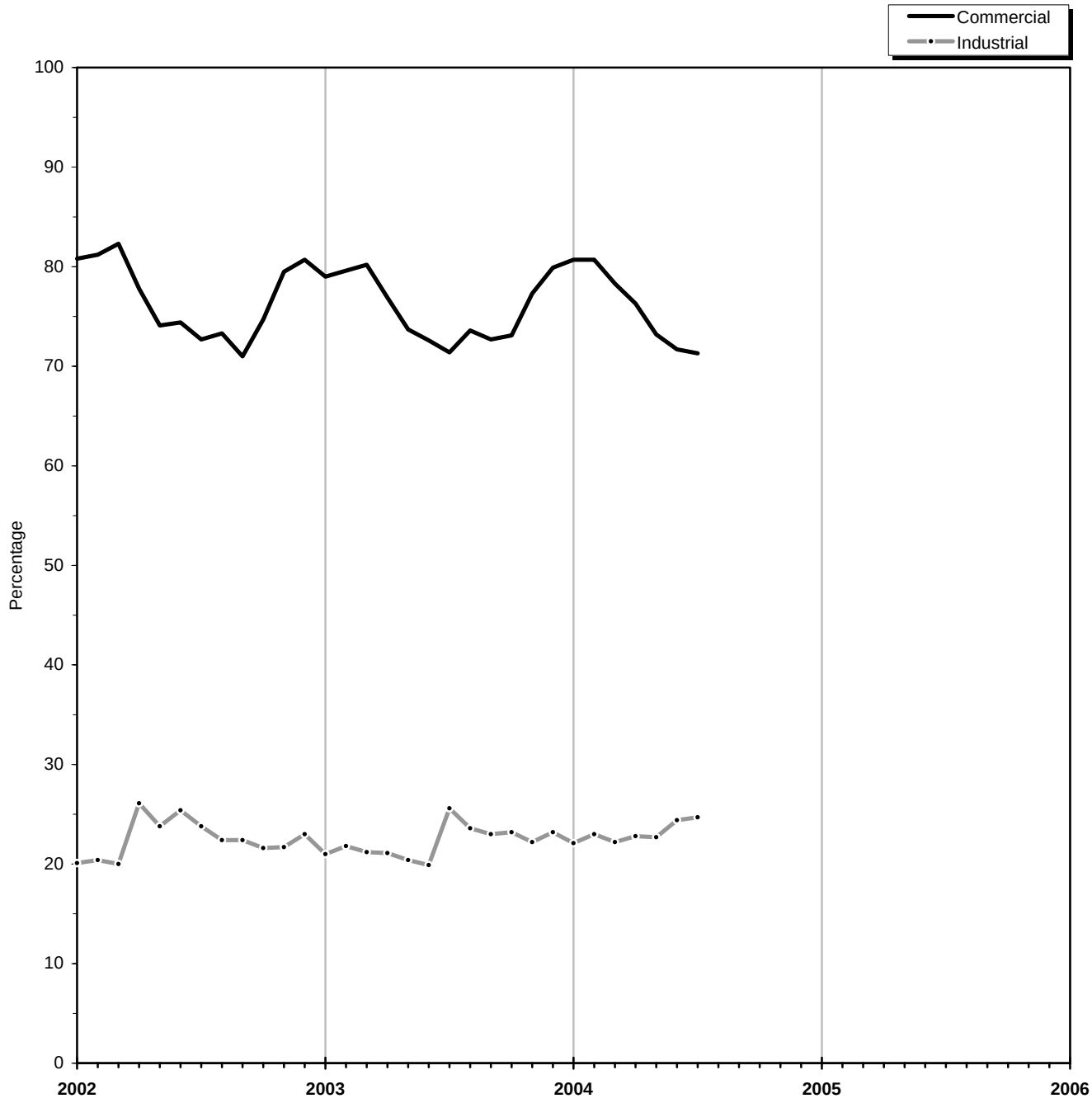
R Revised Data.
NA Not Available.
— Not Applicable.

**Notes:** Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating commercial and industrial price data which are based on sales data only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

**Source:** Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Figure 6

**Figure 6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2002-2004**




**Source:** Table 25.

# Appendix A

# Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (*NGM*). The information in this Appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1-3. The following explanatory notes describe sources for all *NGM* tables.

## Note 1. Production

### *Annual Data*

Natural gas production data are collected from 32 gas-producing States on the voluntary Form EIA-895 "Monthly Quantity and Value of Natural Gas Report." The form requests data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon

**Table A1. Methodology for Most Recent Monthly Natural Gas Supply and Disposition Data of Table 1-3**

| Components | Reporting Methodology |
|---|---|
| **Supply and Disposition** | |
| Marketed Production | Derived from the Short-Term Energy Outlook |
| Extraction Loss | Derived from Marketed Production |
| Dry Production | Marketed Production minus Extraction Loss |
| Withdrawals from Storage | Reported on Form EIA-191 |
| Supplemental Gaseous Fuels | Derived from supply estimates and coal gasification information |
| Imports | Estimated from National Energy Board of Canada information and liquefied natural gas information |
| Additions to Storage | Reported on Form EIA-191 |
| Exports | Estimated from industry trends and liquefied natural gas information |
| Current-Month Consumption | Reported on Form EIA-857, Form EIA-906, and other sources below. |
| **Consumption by Sector** | |
| Lease and Plant Fuel | Derived from Marketed Production |
| Pipeline and Distribution Use | Derived from Deliveries to Consumers |
| Residential | Estimated from sample data reported on Form EIA-857 |
| Commercial | Estimated from sample data reported on Form EIA-857 |
| Industrial | Estimated from sample data reported on Form EIA-857 |
| Electric Power | Estimated from sample data reported on Form EIA-906 |
| Vehicle Fuel | Derived from annual estimates provided by the Coal, Nuclear and Renewable Fuels Division of EIA |

gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production from the federal waters of the Gulf of Mexico.

### *Monthly Data*

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the monthly estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* (*NGA*) for the year in which the report month falls. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated. Final monthly data are the sums of monthly data reported on the Form EIA-895 annual schedule.

## Note 2. Nonhydrocarbon Gases Removed

### *Annual Data*

Data on nonhydrocarbon gases removed from marketed production-carbon dioxide, helium, hydrogen sulfide, and nitrogen are reported by State agencies on Form EIA-895. Nine of the 32 producing States reported data on nonhydrocarbon gases removed during 2002. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

### *Monthly Data*

All monthly data are considered preliminary until after publication of the *NGA* for the year in which the report month falls. Monthly State estimates of nonhydrocarbon gases removed are prepared by EIA based on annual data reported on Form EIA-895, if necessary. Each State's annual percentage of nonhydrocarbon gases removed to gross withdrawals reported is applied to the States monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by allocating the final annual volume to the months in the same proportion as the preliminary monthly data.

## Note 3. Extraction Loss

### *Annual Data*

Extraction loss data are calculated from data reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production". For a fuller discussion, see the *NGA*.

### *Monthly Data*

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Monthly data are revised after the publication of the *NGA*. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

## Note 4. Supplemental Gaseous Fuels

### *Annual Data*

Annual data on supplemental gas fuel supply are reported on Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition."

### *Monthly Data*

All monthly data are considered preliminary until after the publication of the *NGA* for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Monthly data are revised after publication of the *NGA*. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to

the sum of dry gas production, net imports, and net withdrawals from storage. This revised ratio is applied to the revised monthly sum of these three supply elements to compute final monthly data.

## Note 5. Imports and Exports

### *Annual Data and Final Monthly Data*

Annual and final monthly data are supplied by the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", which requires monthly data to be reported each quarter for the calendar year.

### *Monthly Data - Imports*

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the *NGA*.

### *Monthly Data - Exports*

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of the *NGA*.

## Note 6. Natural Gas Storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage.

### *Annual Data*

Preliminary annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191. Final annual data are adjusted to data in the EIA-176.

Annual data on LNG additions and withdrawals are from the EIA-176.

### *Monthly Data*

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the EIA-191. All operators of underground storage fields complete the survey.

Estimates of monthly LNG additions and withdrawals are calculated by applying the proportion of each month's net injections to underground storage during the injection season to annual LNG additions and the proportion of each month's net withdrawals from underground storage during the withdrawal season to annual LNG withdrawals.

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

## Note 7. Consumption

### *Annual Data*

All annual data are from the *NGA*. Total consumption is the sum of the components of consumption listed below. Monthly data are revised after publication of the *NGA*.

### *Monthly Data*

All monthly data are considered preliminary until after publication of the *NGA*.

### *Residential, Commercial, and Industrial Sector Consumption*

Preliminary estimates of monthly deliveries of natural gas to residential, commercial, and industrial consumers in 50 States are based on data reported on Form EIA-857 "Monthly Report of Natural Gas Purchases and Deliveries." See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures. Monthly data for a given year are revised after the publication of the *NGA* to correct for any sampling error. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

### *Vehicle Fuel Use*

Monthly U.S. total estimates of natural gas (compressed or liquefied) used as vehicle fuel are derived from an annual estimate of vehicle fuel use provided by the Coal, Nuclear, and Renewable Fuels Division of EIA. Monthly State level vehicle fuel data are not available.

### *Electric Power Sector Consumption*

Monthly estimates of deliveries of natural gas to electric power producers are derived from data submitted by the sample of electric power producers reporting monthly on Form EIA-906, "Power Plant Report." The estimates reported in the *NGM* represent gas delivered to electricity-only plants (utility and nonutility power producers) and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. For a discussion of these estimates, see the *Electric Power Monthly*.

### *Pipeline and Distribution Use*

Preliminary monthly estimates are based on the pipeline fuel consumption as an annual percentage of total consumption from the previous years Form EIA-176. This percentage is applied to each months total consumption figure to compute the monthly estimate.

Monthly data are revised after the publication of the *NGA*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each months revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

### *Lease and Plant Fuel Consumption*

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each months marketed production figure to compute estimated lease and plant fuel consumption.

Monthly data are revised after publication of the *NGA*. Final monthly plant fuel data are based on a revised annual ratio of plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each months revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-895 and estimates from the Form EIA-176. See the *NGA* for a complete discussion of this process.

## Note 8. Balancing Item

The balancing item category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting problems or to issues in survey coverage. Preliminary monthly data in the balancing item category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total disposition. The balancing item may reflect problems in any of the surveys comprising natural gas supply or disposition.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. Survey coverage problems include incomplete survey frames or problems in sampling design.

Annual data are from the *NGA*. For an explanation of the methodology used in calculating the annual balancing item, see the *NGA*.

## Note 9. Average Price of Deliveries to Consumers

For most States, price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers by local distribution companies. In the States of Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices reported in the *NGM* include data on prices of gas sold to customers in those sectors by energy marketers. These latter data are collected on Form EIA-910, "Monthly Natural Gas Marketer Survey." Except for these States, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties or Aspot-market@ prices. Table 25 indicates the percentage of total deliveries included in commercial and industrial price estimates.

Prices of natural gas delivered to electric utilities are derived from data reported on Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" as reported in the *Electric Power Monthly*. Data on the price of natural gas delivered to other electric power producers are not available.

## Note 10. Average Wellhead Price

### *Annual Data*

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available aggregate value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States that were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed average value of marketed production in each State is calculated by dividing the States reported aggregate value by its associated production. This unit price is then applied to the quantity of the States marketed production to derive the imputed aggregate value of marketed production.

### *Monthly Data*

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures final settlement price for near-month delivery at the Henry Hub, and reported cash market prices at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is publicly available and is reported in numerous trade publications, including NGI's Daily Gas Price Index (published by Intelligence Press, Inc.). The cash market prices are published in another trade publication, Natural Gas Week (Energy Intelligence Group, Inc.), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs. Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through 2000. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final monthly data are provided through the Form EIA-895, which requests State agencies to report monthly values of marketed production. Details of the monthly collection match those described in the preceding section on annual data. Preliminary monthly gas price data are replaced by these final monthly data.

## Note 11. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published in the NGM, is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

# Appendix B

# Data Sources

The data in this publication are taken from survey reports collected by the Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy of the U.S. Department of Energy (DOE). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The Office of Fossil Energy has the authority under Section 3 of the Natural Gas Act of 1938 to grant authorizations for the import and export of natural gas.

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition," a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines. The Office of Fossil Energy provides quarterly files of monthly data on imports and exports. The monthly reports include surveys of the natural gas industry, surveys of the electric power industry, and a voluntary survey completed by energy or conservation agencies in the gas-producing States. The monthly natural gas industry surveys are the Form EIA-191 filed by companies that operate underground storage facilities, the voluntary Form EIA-895 filed by the gas-producing States and the U.S. Minerals Management Service, the Form EIA-857, filed by a sample of companies that deliver natural gas to consumers, and the Form EIA-910, filed by natural gas marketers in select States. The electric power industry surveys are the Form EIA-906 filed by a sample of electric power generators and the Form FERC-423 filed (for price data) by fossil-fueled electric utilities. Responses to the monthly surveys are mandatory, except for Form EIA-895. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the surveys. Copies of the forms and instructions are available on the EIA website.

## Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a State border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2003 for report year 2002 totaled approximately 2000 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The EIA-176 is a multi-line, multi-page schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Data from Form EIA-176 are also published in the *Natural Gas Annual*. Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Appendix B

## Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report"

Data collection on the Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) voluntary form, "Monthly Report of Natural Gas Production." All gas-producing States and the U.S. Minerals Management Service are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Form EIA-895 is mailed to energy or conservation agencies in all 32 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. Reports on company production are due 20 days after the end of the report month to the States. (In most cases, the data are not available to the States until after this time period.) Therefore, States are requested to send the report within 80 days after the end of the report month. Monthly data are obtained from about half of the reporting States and MMS on this schedule. EIA prepares estimates for the remaining States based on annual data submissions from the States until monthly State data are provided. The annual schedule of the Form EIA-895 is due with the December data report. Of the 32 natural gas producing states, 31 participated in the annual EIA-895 survey by filing the completed form or by responding to telephone calls. Data for the State of Illinois, which did not respond, were estimated.

The Form EIA-895 is a three-page form collecting monthly and annual data on elements of the production of natural gas beginning with gross withdrawals from gas and oil wells. Starting in 2003, the Form EIA-895 also collects information about production of coalbed methane. The commercial recovery of methane from coalbeds contributes a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (115,949), Colorado (474,342), New Mexico (497,260), and Wyoming (327,785) for 2002.

Data are also collected on volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production as well as the monthly volume and value of marketed production. The annual schedule collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Respondents are asked to report all volumes in thousand cubic feet at the States standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Data on the quantities of nonhydrocarbon gases removed from marketed production in 2002, including carbon dioxide, helium, hydrogen sulfide and nitrogen, were reported by the appropriate agencies of 9 of the 32 producing States. These 9 States accounted for 36 percent of total 2002 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the months estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

Data from Form EIA-895 are also published in the EIA *Natural Gas Annual*.

## Form EIA-191, "Underground Natural Gas Storage Report"

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," is completed by approximately 122 companies that operate underground facilities. The final monthly and annual response rates are 100 percent. The EIA-191 monthly schedule contains current month data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule for the prior year is filed with the January submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the last day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are submitted on separate forms for each month. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

The EIA publications, *Monthly Energy Review* and Winter Fuels Report, contain data from the EIA-191 survey.

## "Quarterly Natural Gas Import and Export Sales and Price Report"

Beginning in 1995, import and export data have been taken from the "Quarterly Natural Gas Import and Export Sales and Price Report." This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas. The Office of Fossil Energy provides authorizations for import or export to applicants under Section 3 of the Natural Gas Act of 1938.

All companies are required, as a condition of their authorizations to file quarterly reports with the Office of Fossil Energy. The data are reported at a monthly level of detail.

## Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"

Monthly price and volume data on gas deliveries are collected on the Form EIA-857 from a sample of respondents representing the 50 States and the District of Columbia. Response to Form EIA-857 is mandatory and data are considered proprietary. Completed forms are required to be submitted to EIA on or before the 30th day after the end of the report month.

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 monthly. Each month about half the responses are received by the due date although response rates by first publication of the relevant month are approximately 87 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions. Final response rates are approximately 95 percent.

Form EIA-857 data are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors – residential, commercial, and industrial. (Monthly deliveries of natural gas to electric power generators are reported on the Form EIA-906, "Power Plant Report," monthly prices for electric utilities are obtained from Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants", and monthly prices for nonutility power producers are from Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report.") See Appendix C for a discussion of the sample design and estimation procedures. Data from Form EIA-857 are also used to calculate the city gate price.

## Form EIA-910, "Monthly Natural Gas Marketer Survey"

The Form EIA-910, "Monthly Natural Gas Marketer Survey" collects information on natural gas sales from marketers in selected States (Georgia, Maryland, New York, Ohio and Pennsylvania) that have active customer choice programs. These States were selected based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected States. A natural gas marketer is a company that competes with other companies to sell natural gas service, but relies on regulated local distribution companies to deliver the gas. The data collected on the Form EIA-910 is integrated with residential and commercial price data from the Form EIA-857 for the States of Georgia, Maryland, New York, Ohio, and Pennsylvania. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 150 natural gas marketers report to the survey. Final monthly survey response rates are approximately 98 percent. Responses are filed with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

# Appendix C

# Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Monthly prices in select states (currently Georgia, Maryland, New York and Ohio) are supplemented with data from the Form EIA-910 "Monthly Natural Gas Marketer Survey". (See Appendix B for a description of these Forms.) These estimations must be made from the reported data since the Form EIA-857 is a sample survey. A description of the sample design and the estimation procedures is given below.

**Sample Design**

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to the electric power sector are reported on the Form EIA-906, "Power Plant Report, and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

**Sample Universe.** The sample currently in use was selected from a universe of 1,556 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2001 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

**Sampling Plan.** The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed. The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2001. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 405 respondent companies.

**Certainty Stratum.** Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value (C.j) were included in the certainty stratum. The formula for C.j was:

$$C_{.j} = \frac{X_{.j}}{2n} \quad (1)$$

where:

$C_{.j}$ = cutoff value for consumer sector j,

$n$ = target sample size to be selected for the State, 25 percent of the companies in the State,

$X_{ij}$ = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$ = the sum within State of annual gas volumes for company i,

$X_{.j}$ = the sum within State of annual gas volumes in consumer sector j,

$X_{..}$ = the sum within State of annual gas volumes in all consumer sectors.

**Noncertainty Stratum.** All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors (Xi.). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n\frac{X2}{X..} \quad (2)$$

where:

$m$ = the sample size for the noncertainty stratum within a State,

$X2$ = the sum within State of the Xi. for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and $\left(I = \frac{X2}{m}\right)I$. The first sampled company was the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than R + I. R + I was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

**Subgroups.** In four States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X2 was the sum within State of the $X_i$. for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

**Estimation Procedures**

**Estimates of Volumes.** A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial —in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (Evj) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \quad (3)$$

where:

$\gamma_j$ = the sum within State of annual gas volumes in consumer sector j for all companies,

$\gamma_j$ = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{vj} = {}_{y.j} \times E_{vj} \quad (4)$$

where:

$V_j$ = the State estimate of monthly gas volumes in consumer sector *j*,

$y_j$ = the sum within State of reported monthly gas volumes in consumer sector *j*.

**Computation of Natural Gas Prices.** The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales by natural gas companies except as explained below.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (5)$$

where:

$P_j$ = the average price for gas sales within the State in consumer sector *j*,

$R_j$ = the reported revenue from natural gas sales within the State in consumer sector *j*,

$V_j$ = the reported volume of natural gas sales within the State in consumer sector *j*.

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas to residential and commercial consumers in Georgia, Maryland, New York, Ohio and Pennsylvania are monthly average prices of natural gas are based on total sales (sales by local distribution companies and natural gas marketers). Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices except in these states.

The price of natural gas in the residential and commercial sectors in Georgia, Maryland, New York, Ohio and Pennsylvania is calculated as follows:

$$P_c = \left[\left(\frac{R_s}{V_s}\right)*\left(\frac{V_s}{V_s+V_t}\right)\right]+\left[\left(\frac{Rm_s}{Vm_s}\right)*\left(\frac{V_t}{V_s+V_t}\right)\right] \quad (6)$$

$P_c$ = the combined average price for gas sales by local distribution companies and marketers within the State in sector s (residential or commercial)

$R_s$ = the reported revenue from natural gas sales by local distribution companies within the State in *s* (residential or commercial)

$V_s$ = the reported volume of natural gas sales by local distribution companies within the State in *s* (residential or commercial)

$V_t$ = the reported volume of natural gas transported by local distribution companies for marketers within the State in *s* (residential or commercial)

$Rm_s$ = the reported revenue from natural gas sales by marketers within the State in *s* (residential or commercial)

$Vm_s$ = the reported volume of natural gas sales by a marketer within the State in *s* (residential or commercial)

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. All natural gas prices to the residential sector represent onsystem sales volumes only except in Georgia, Maryland, New York, Ohio and Pennsylvania.

See the section on consumer price calculations in this Appendix for further price information.

**Estimation for Nonrespondents.** A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas volumes for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{.jt}}{y_{.jt-1}} \quad (7)$$

where:

$F_t$ = imputed gas volume for current month t,

$F_{t-1}$ = gas volume for the company for the previous month,

$y_{.jt}$ = gas volume reported by companies in the State stratum for report month t,

$y_{jt-1}$ = gas volume in the previous month for companies in the State stratum that reported in month t.

**Final Revisions**

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly* (*NGM*) to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *NGM*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V^{*}_{jm} = V_{jm} + \left[ \left( V_{ja} - V'_{jm} \right) \left( \frac{V_{jm}}{V'_{jm}} \right) \right] \quad (8)$$

where:

$V^{*}_{jm}$ = the final volume estimate for month m in consumer sector j,

$V_{jm}$ = the estimated volume for month m in consumer sector j,

$V_{ja}$ = the volume for the year reported on Form EIA-176,

$V'_{jm}$ = the annual sum of estimated monthly volumes

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R^{*}_{jm} = R_{jm} + \left[ \left( R_{ja} - R'_{jm} \right) \left( \frac{R_{jm}}{R'_{jm}} \right) \right] \quad (9)$$

where:

$R^{*}_{jm}$ = the final revenue estimate for month m in consumer sector j,

$R_{jm}$ = the estimated revenue for month m in consumer sector j,

$R_{ja}$ = the revenue for the year reported on Form EIA-176,

$R'_{jm}$ = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Power Sector. Revisions to monthly deliveries to the electric power sector are published throughout the year as they become available.

**Reliability of Monthly Data**

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

**Standard Errors.** A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V\left( \hat{\gamma} \right) = \sum_{h=1}^{H} \left[ N_h^2 \frac{\left( 1 - \frac{n_h}{N_h} \right)}{n_h \left( n_h - 1 \right)} \left( \sum_{i=1} \left( y_i - T x_j \right)^2 \right) \right] \quad (10)$$

where:

$H$ = the total number of strata

$N_h$ = the total number of companies in stratum h

$n_h$ = the sample size in stratum h

$y_i$ = the reported monthly volume for company I

$x_i$ = the reported annual volume for company i

$T$ = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

# Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, July 2004

| State | Volume Million Cubic Feet | | | | Price Dollars per Thousand Cubic Feet | | |
|---|---|---|---|---|---|---|---|
| | Residential | Commercial | Industrial | Total | Residential | Commercial | Industrial |
| Alabama | 134 | 159 | 3,167 | 3,174 | 0.60 | 0.65 | NA |
| Alaska | NA | NA | 0 | NA | NA | NA | — |
| Arizona | 1 | 40 | 0 | 40 | 0.14 | 0.10 | — |
| Arkansas | 2 | 6 | 5 | 8 | 0.05 | 0.01 | 0.02 |
| California | 231 | 65 | 474 | 531 | 0.08 | 0.19 | 0.25 |
| Colorado | 575 | 217 | 583 | 847 | NA | 0.58 | 0.95 |
| Connecticut | 0 | 0 | 0 | 0 | — | — | — |
| Delaware | 0 | 0 | 0 | 0 | — | — | — |
| District of Columbia | 0 | 0 | 0 | 0 | — | — | — |
| Florida | 73 | 118 | 257 | 292 | NA | NA | NA |
| Georgia | 215 | 128 | 1,153 | 1,180 | NA | NA | NA |
| Hawaii | 0 | 0 | 0 | 0 | — | — | — |
| Idaho | 0 | 0 | 0 | 0 | — | — | — |
| Illinois | 173 | 203 | 328 | 423 | 0.16 | NA | NA |
| Indiana | 193 | 41 | 1,731 | 1,742 | 0.37 | 0.47 | 0.29 |
| Iowa | 53 | 11 | 3,523 | 3,524 | 0.53 | 0.19 | 0.47 |
| Kansas | 17 | 106 | 836 | 843 | 0.11 | 0.07 | NA |
| Kentucky | 66 | 376 | 290 | 479 | 0.47 | 0.69 | 0.73 |
| Louisiana | 220 | 92 | 3,891 | 3,899 | 0.23 | 0.51 | — |
| Maine | 0 | 0 | 0 | 0 | — | — | — |
| Maryland | 1 | 19 | 25 | 32 | 0.11 | 0.47 | NA |
| Massachusetts | NA | 30 | NA | NA | NA | 0.05 | 0.10 |
| Michigan | 15 | 24 | 106 | 109 | 0.02 | 0.01 | 0.25 |
| Minnesota | 303 | 187 | 592 | 691 | 0.48 | 0.38 | 0.45 |
| Mississippi | 191 | 167 | 412 | 484 | 0.72 | 0.45 | NA |
| Missouri | 69 | 83 | 179 | 209 | 0.79 | 0.52 | NA |
| Montana | 4 | 2 | 0 | 4 | 0.09 | 0.25 | — |
| Nebraska | 30 | 454 | 385 | 596 | NA | NA | NA |
| Nevada | 0 | 0 | 0 | 0 | — | — | — |
| New Hampshire | NA | NA | NA | NA | NA | NA | NA |
| New Jersey | 0 | 0 | 0 | 0 | — | — | — |
| New Mexico | 25 | 25 | 272 | 274 | 0.25 | 0.53 | NA |
| New York | 21 | NA | NA | NA | 0.28 | 0.11 | 0.78 |
| North Carolina | 17 | NA | 348 | NA | 0.01 | 0.03 | 0.53 |
| North Dakota | 0 | 0 | 0 | 0 | — | — | — |
| Ohio | 889 | 1,653 | 2,142 | 2,848 | 0.47 | NA | NA |
| Oklahoma | 50 | 91 | 1,887 | 1,890 | 0.07 | 0.29 | NA |
| Oregon | 0 | 0 | 0 | 0 | — | — | — |
| Pennsylvania | 67 | 228 | 233 | 333 | 0.59 | 0.14 | NA |
| Rhode Island | 0 | 0 | 0 | 0 | — | — | — |
| South Carolina | 19 | 66 | 168 | 182 | NA | 0.31 | 0.15 |
| South Dakota | 0 | 0 | 0 | 0 | — | — | — |
| Tennessee | 79 | 106 | 201 | 241 | 0.17 | 0.56 | 0.45 |
| Texas | 811 | 491 | 0 | 948 | 0.35 | NA | — |
| Utah | 0 | NA | NA | NA | — | — | — |
| Vermont | 0 | 0 | 0 | 0 | — | — | — |
| Virginia | 33 | 25 | 126 | 133 | 0.67 | 0.84 | NA |
| Washington | NA | NA | NA | NA | NA | NA | NA |
| West Virginia | 41 | 68 | 1 | 80 | 0.91 | 0.30 | 0.01 |
| Wisconsin | 134 | 797 | 690 | 1,063 | 0.82 | NA | NA |
| Wyoming | 3 | 52 | 166 | 174 | NA | 0.23 | NA |
| **Total** | **1,546** | **2,129** | **7,445** | **7,896** | **0.13** | **0.31** | **0.22** |

NA Not Available.
— Not Applicable.

**Source:** Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

# Appendix D

# Technical Contacts

| Section | Tables | | Principal Data Sources | Technical Contact |
|---|---|---|---|---|
| Summary Statistics:<br>Natural Gas Production | 1,2,3 | Monthly:<br>Annual: | EIA-895, "Monthly Quantity and Value of Natural Gas Report" | Sharon Belcher<br>(202) 586-6119 |
| Extraction Loss | 1 | Monthly:<br>Annual: | EIA computations<br>Form EIA-816, "Monthly Natural Gas Liquids Report," and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production" | Steve Nalley<br>(202) 586-0959 |
| Supplemental Gaseous Fuels | 2 | Monthly:<br>Annual: | EIA computations<br>Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" | Steve Nalley<br>(202) 586-0959 |
| Imports and Exports | 2 | Monthly:<br>Annual: | EIA computations<br>Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports" | Donna Guerrina<br>(202) 586-6135 |
| Price:<br>City Gate, Residential,<br>Commercial, and Industrial | 4 | Monthly: | Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"<br>Form EIA-910, "Monthly Natural Gas Marketer Survey" | Roy Kass<br>(202) 586-4790<br>Amy Sweeney<br>(202) 586-2627 |
| Wellhead | 4 | Monthly:<br>Annual: | EIA computations<br>Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" | William Trapmann<br>(202) 586-6408 |
| Electric Power | 4 | Monthly: | Form FERC-423, "Cost and Quality of Fuels for Electric Power Plant,"<br>Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants" | Steve Scott<br>202-287-1737<br>Rebecca McNernay<br>202-287-1913 |
| Summary of Natural Gas Imports and Exports | 5,6 | Monthly: | Office of Fossil Energy, U.S. Department Of Energy, "Natural Gas Imports and Exports" | Donna Guerrina<br>(202) 586-6135 |
| Producer Related Activities:<br>Natural Gas Production | 7,8 | Monthly: | EIA-895, "Monthly Quantity and Value of Natural Gas Report" | Sharon Belcher<br>(202) 586-6119 |
| Underground Storage: | 9,10,11,<br>12,13,14 | Monthly: | Form EIA-191, "Monthly Underground Gas Storage Report" | Carol Jones<br>(202) 586-6168 |
| Distribution and Consumption:<br>Deliveries to:<br>Residential,<br>Commercial,<br>Industrial,<br>Electric Power,<br>All Consumers | <br><br>15<br>16<br>17<br>18<br>19 | <br><br>Monthly: | <br><br>Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"<br>Form EIA-906, "Power Plant Report" | <br><br>Roy Kass<br>(202) 586-4790 |
| Average Price to:<br>City Gate,<br>Residential,<br>Commercial,<br>Industrial,<br>Electric Power | <br>20<br>21<br>22<br>23<br>24 | <br>Monthly: | <br>Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"<br>Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"<br>Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants"<br>Form EIA-910, "Monthly Natural Gas Marketer Survey" | <br>Roy Kass<br>(202) 586-4790 |
| Onsystem Sales | 25 | Monthly: | Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" | Roy Kass<br>(202) 586-4790 |
| Heating Degree Days | 26 | Seasonal: | National Oceanic and Atmospheric Administration | Patricia Wells<br>(202) 586-6077 |
| Highlights | | | | Eva Fleming<br>(202) 586-6113 |

# Glossary



**Aquifer Storage Field:** A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

**Balancing Item:** Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting or survey coverage problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents. Survey problems include incomplete survey frames, problems in sampling design, or response problems.

**Base (Cushion) Gas:** The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

**City-gate:** A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

**Commercial Consumption:** Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

**Depleted Storage Field:** A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

**Dry Natural Gas Production:** Marketed production less extraction loss.

**Electric Power Sector:** An energy-consuming sector that consists of electricity-only and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public – i.e., North American Industry Classification System 22 plants. Combined heat and power plants that identify themselves as primarily in the commercial or industrial sectors are reported in those sectors.

**Electric Power Consumption:** Gas used as fuel in the electric power sector.

**Electric Utility:** A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, "electric utility" currently has inconsistent interpretations from State to State.

**Exports:** Natural gas deliveries out of the continental United States and Alaska to foreign countries.

**Extraction Loss:** The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

**Flared:** The volume of gas burned in flares on the base site or at gas processing plants.

**Gas Condensate Well:** A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as "condensate."

**Gas Well:** A well completed for the production of natural gas from one or more gas zones or reservoirs.

**Gross Withdrawals:** Full well stream volume, including all natural gas plant liquid and nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

**Heating Value:** The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

**Imports:** Natural gas received in the Continental United States (including Alaska) from a foreign country.

**Industrial Consumption:** Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, fisheries and construction. .

**Intransit Deliveries:** Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

**Intransit Receipts:** Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

**Lease and Plant Fuel:** Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

**Liquefied Natural Gas (LNG):** Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

**Marketed Production:** Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

**Native Gas:** Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

**Natural Gas:** A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

**Nonhydrocarbon Gases:** Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

**Oil Well (Casinghead) Gas:** Associated and dissolved gas produced along with crude oil from oil completions.

**Onsystem Sales:** Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

**Pipeline Fuel:** Gas consumed in the operation of pipelines, primarily in compressors.

**Repressuring:** The injection of gas into oil or gas formations to effect greater ultimate recovery.

**Residential Consumption:** Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

**Salt Cavern Storage Field:** A storage facility that is a cavern hollowed out in either a salt Abed@ or "dome" formation.

**Storage Additions:** The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

**Storage Withdrawals:** Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

**Supplemental Gaseous Fuels Supplies:** Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

**Synthetic Natural Gas (SNG):** A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

**Underground Gas Storage Reservoir Capacity:** Interstate company reservoir capacities are those certificated by FERC. Independent producer and intrastate company reservoir capacities are reported as developed capacity.

**Vehicle Fuel Consumption:** Natural gas (compressed or liquefied) used as vehicle fuel.

**Vented Gas:** Gas released into the air on the base site or at processing plants.

**Wellhead Price:** Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

**Working (Top Storage) Gas:** The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.